

Fig. 1

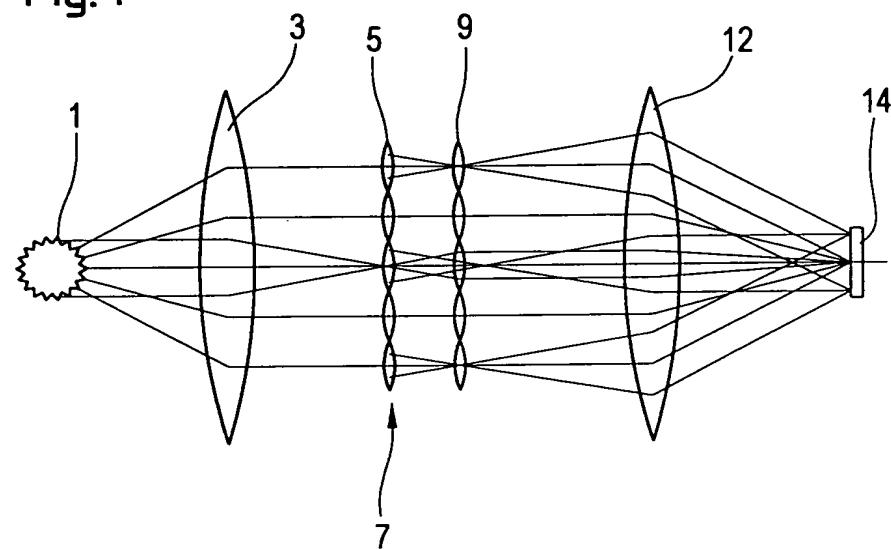


Fig. 2a

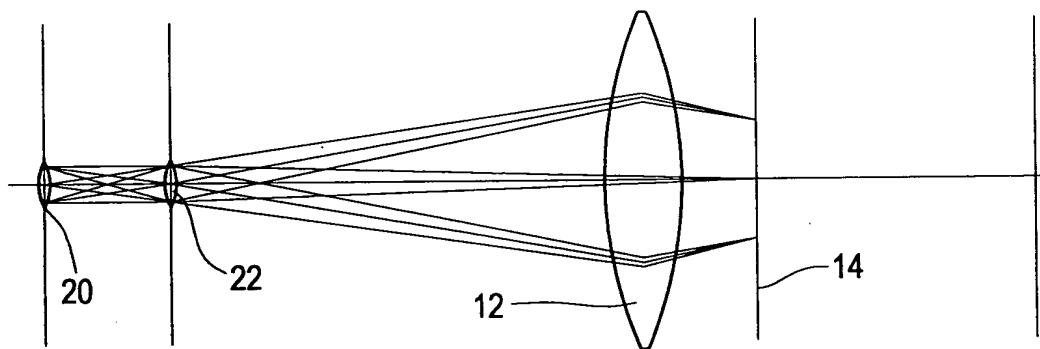


Fig. 2b

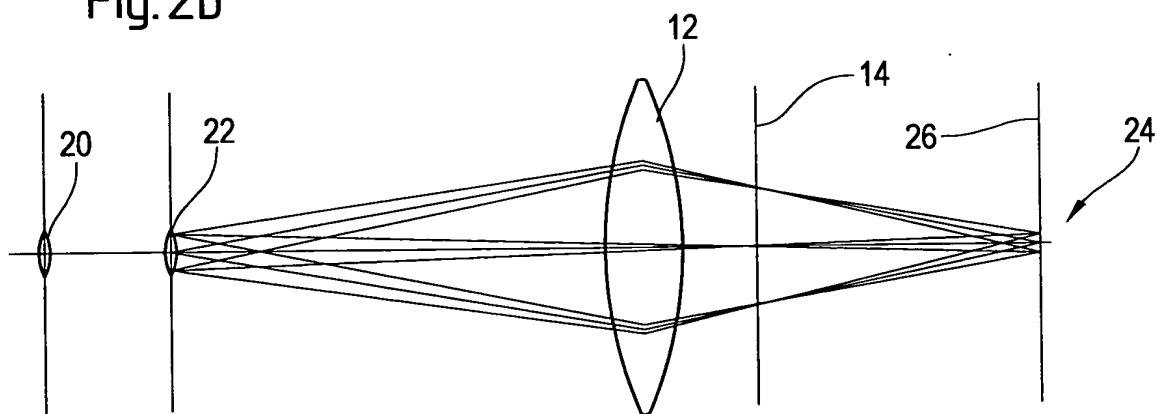


Fig. 3

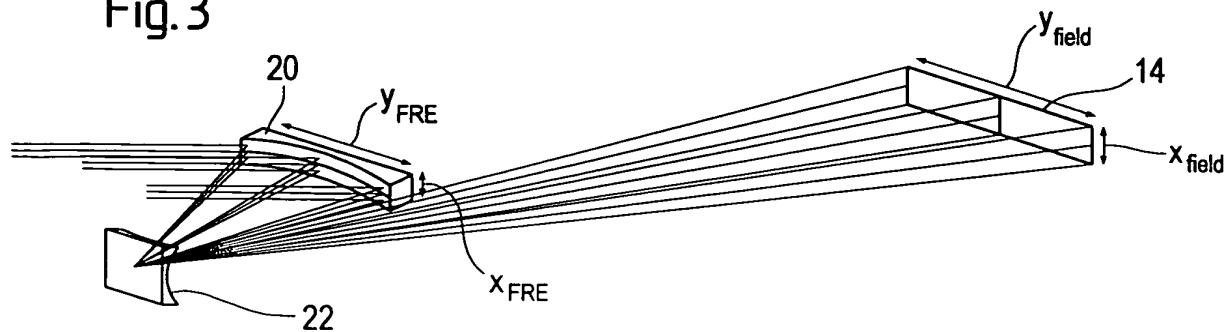


Fig. 4

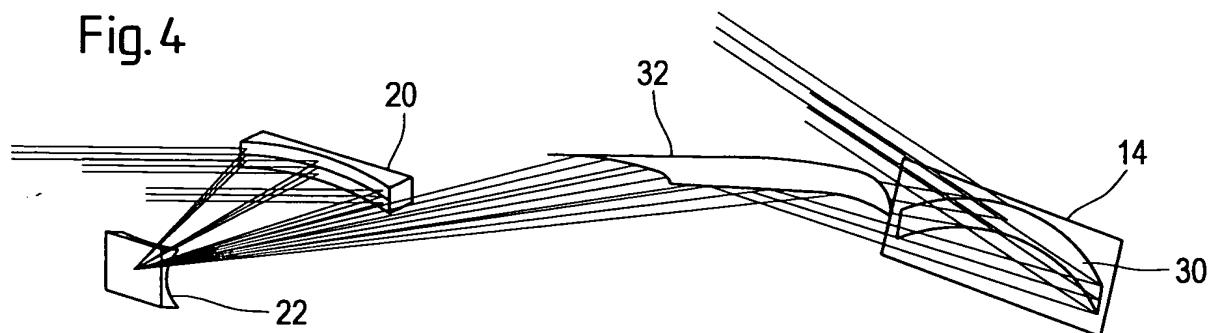


Fig. 5

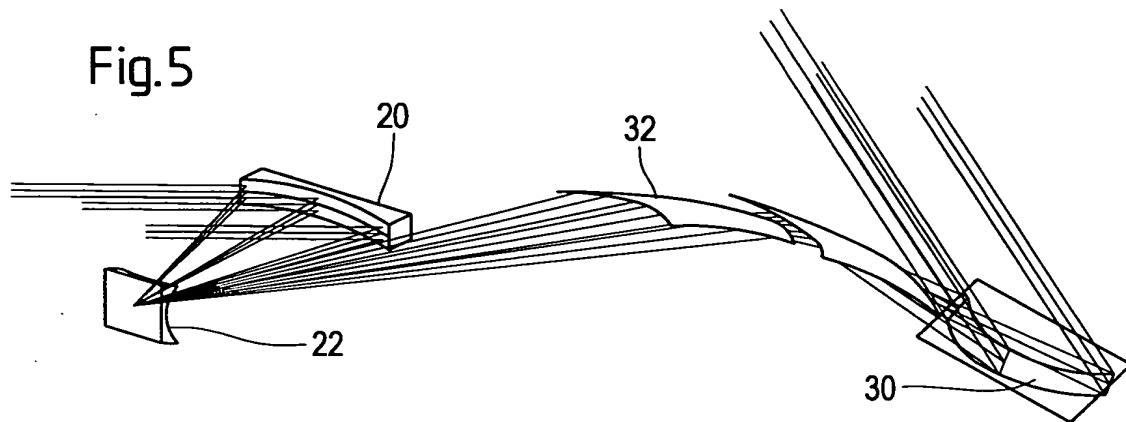
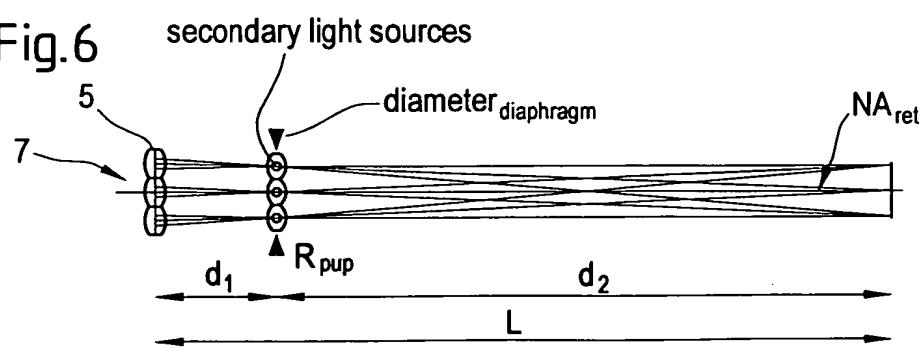


Fig. 6



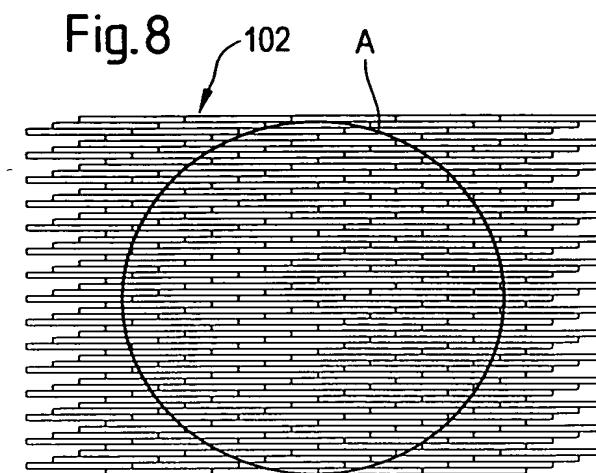
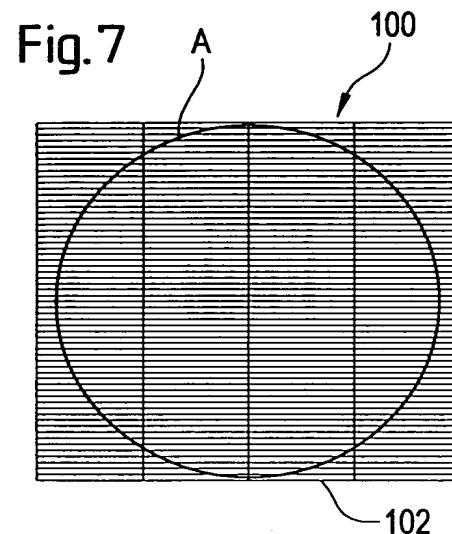


Fig. 9

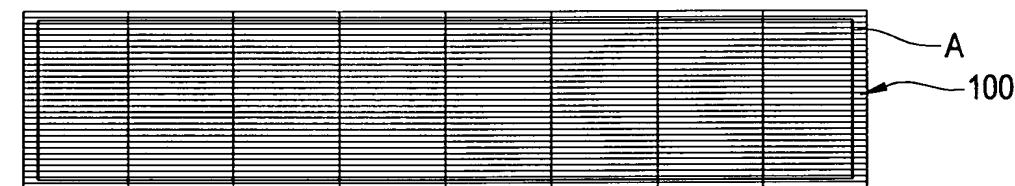


Fig. 10

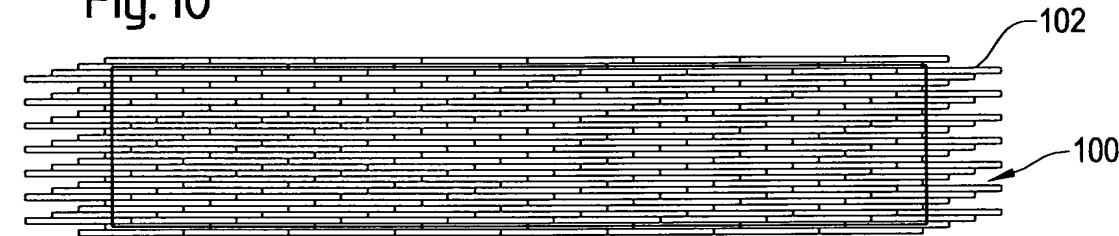


Fig. 11

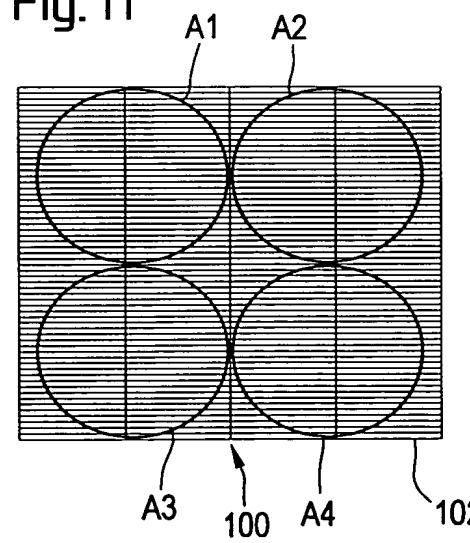


Fig. 12

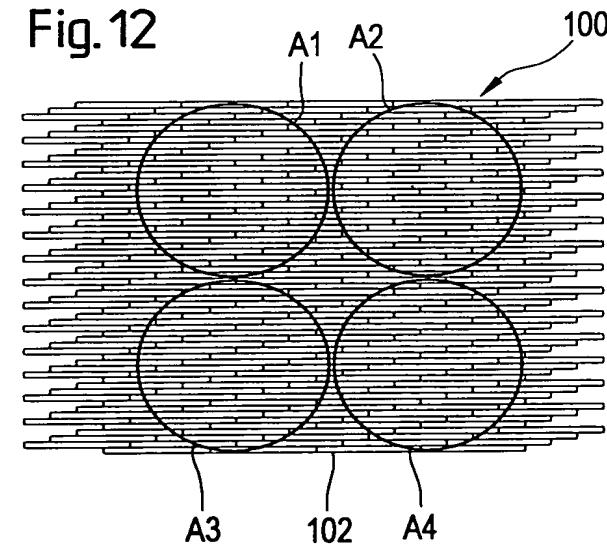


Fig. 13

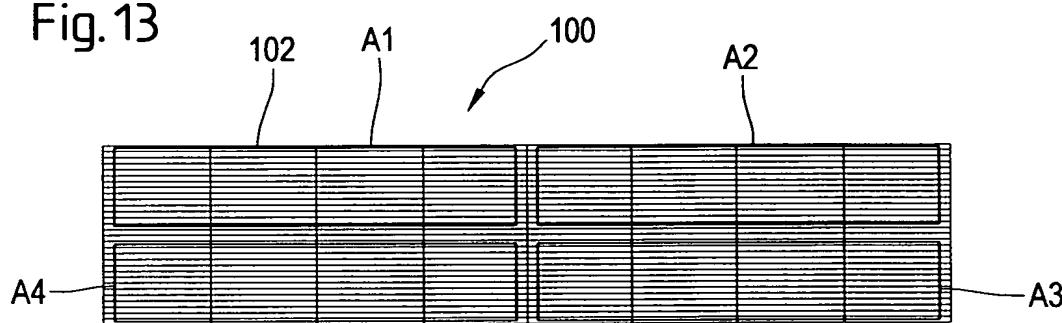


Fig. 14

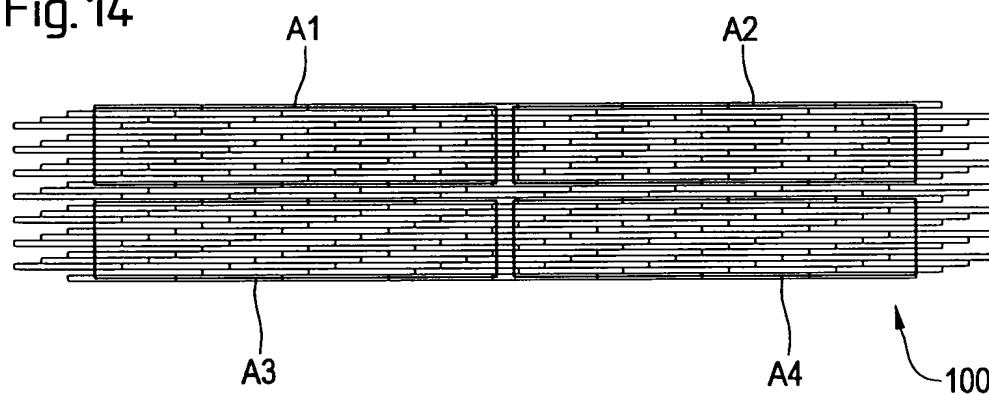


Fig. 15

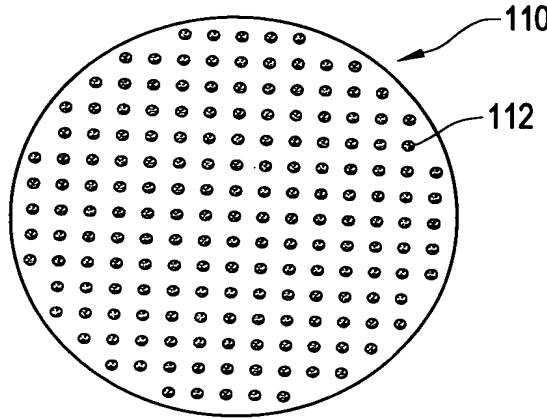


Fig. 16

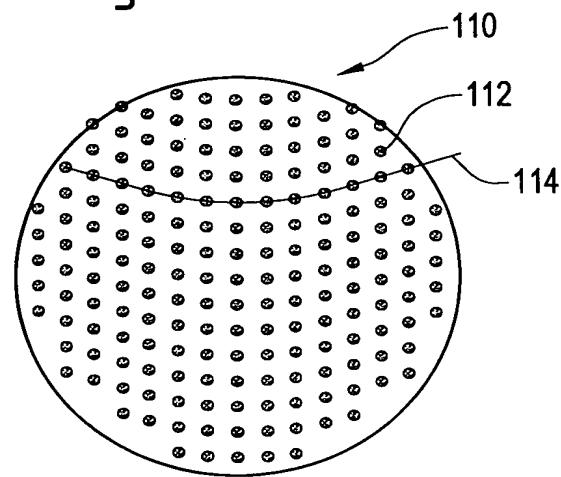


Fig. 17

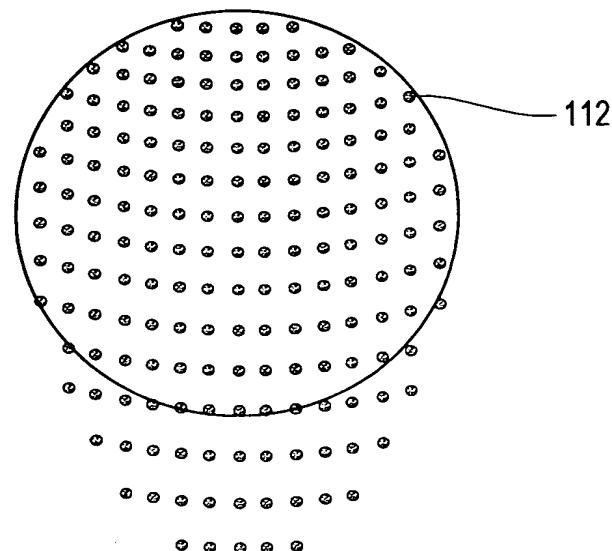


Fig. 18

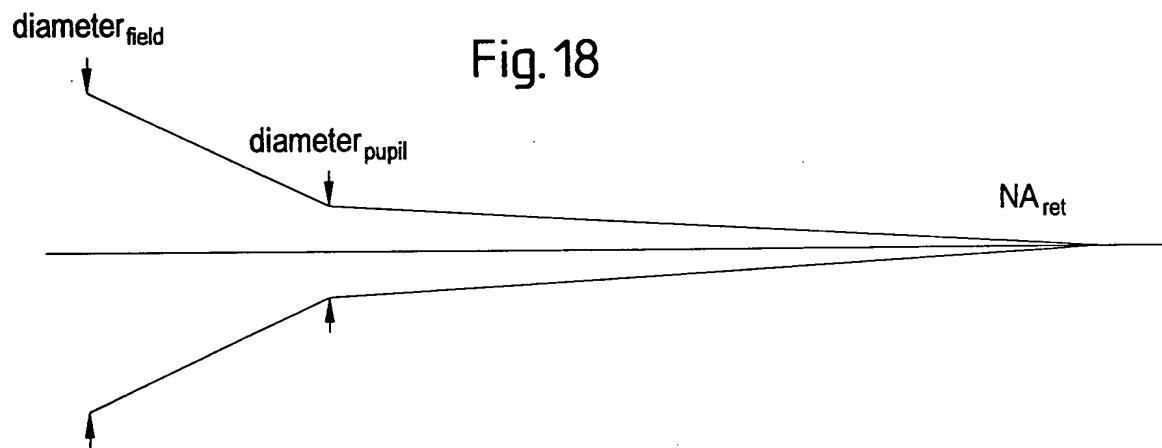


Fig. 19

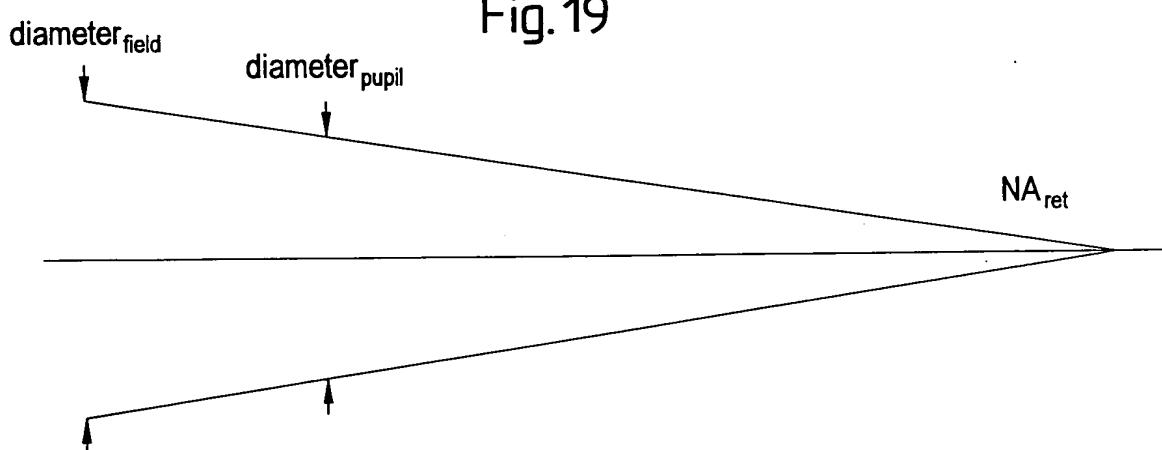


Fig. 20

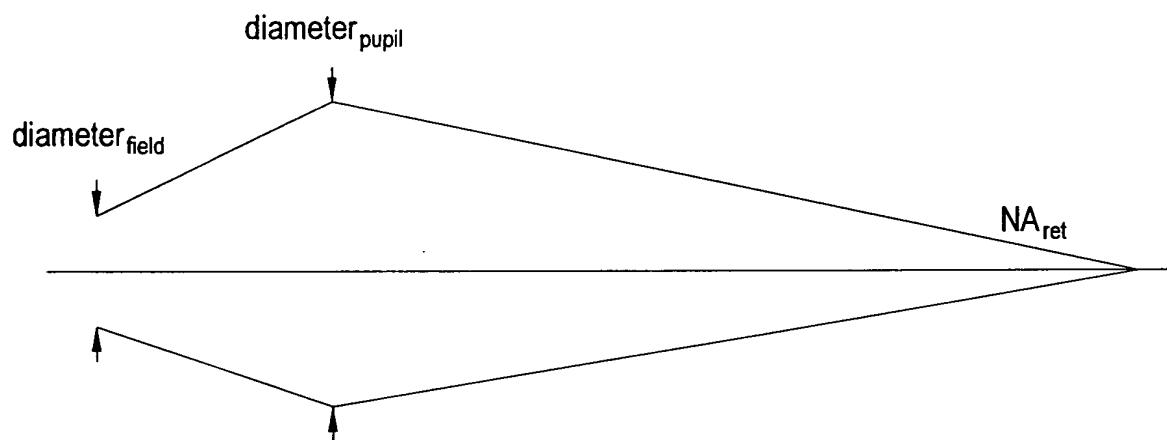


Fig. 21a

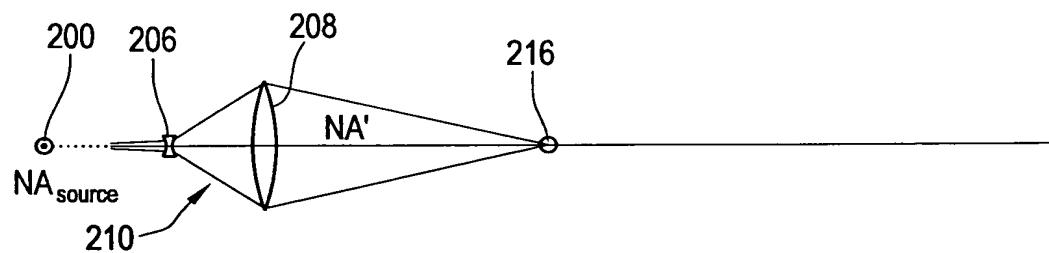


Fig. 21b

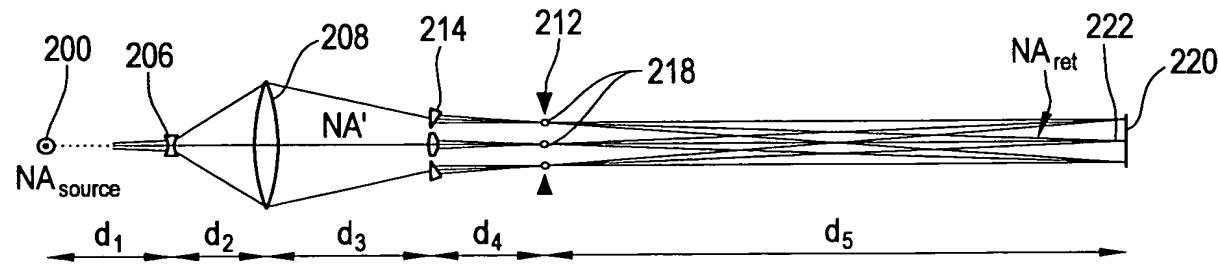


Fig. 22a

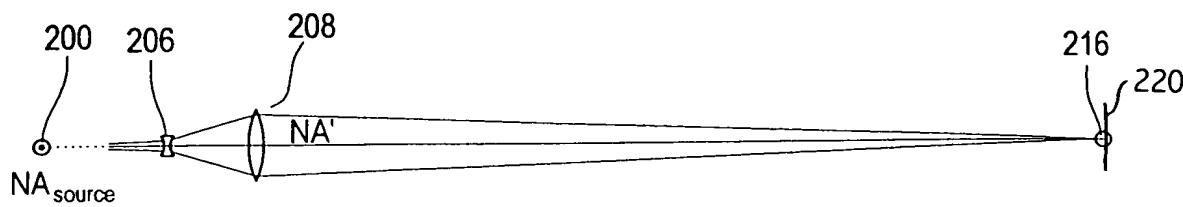


Fig. 22b

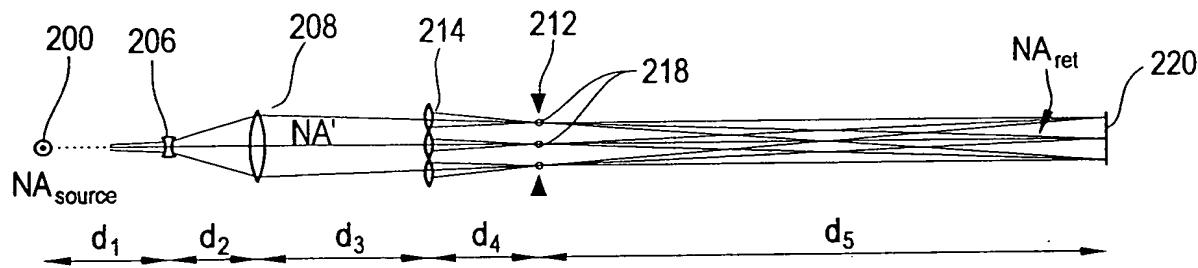


Fig. 23a

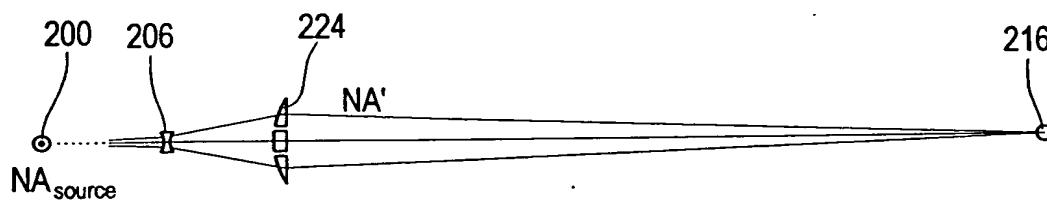
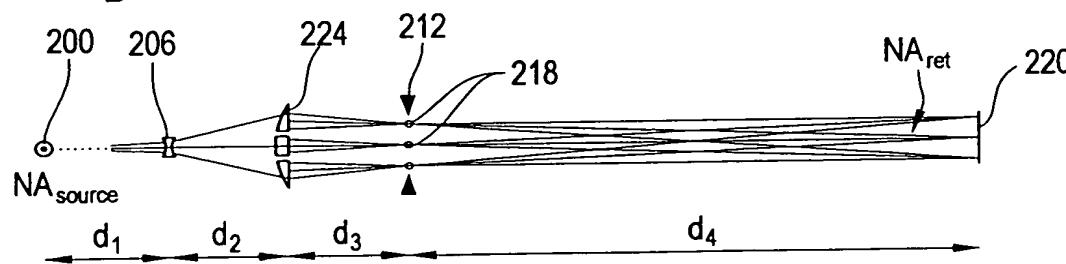


Fig. 23b



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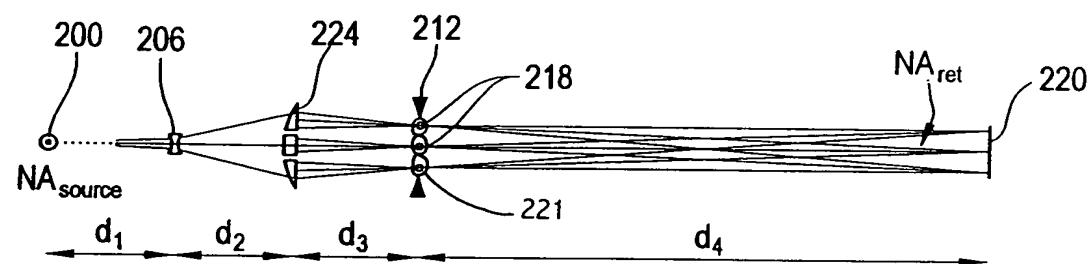


Fig. 23c

Fig.24

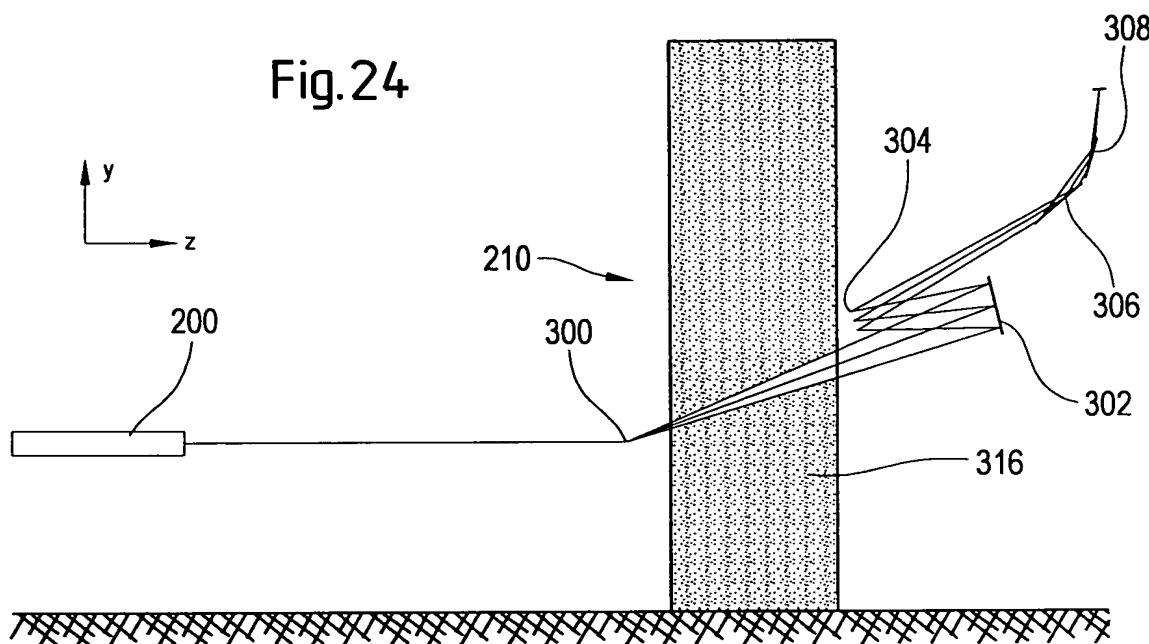
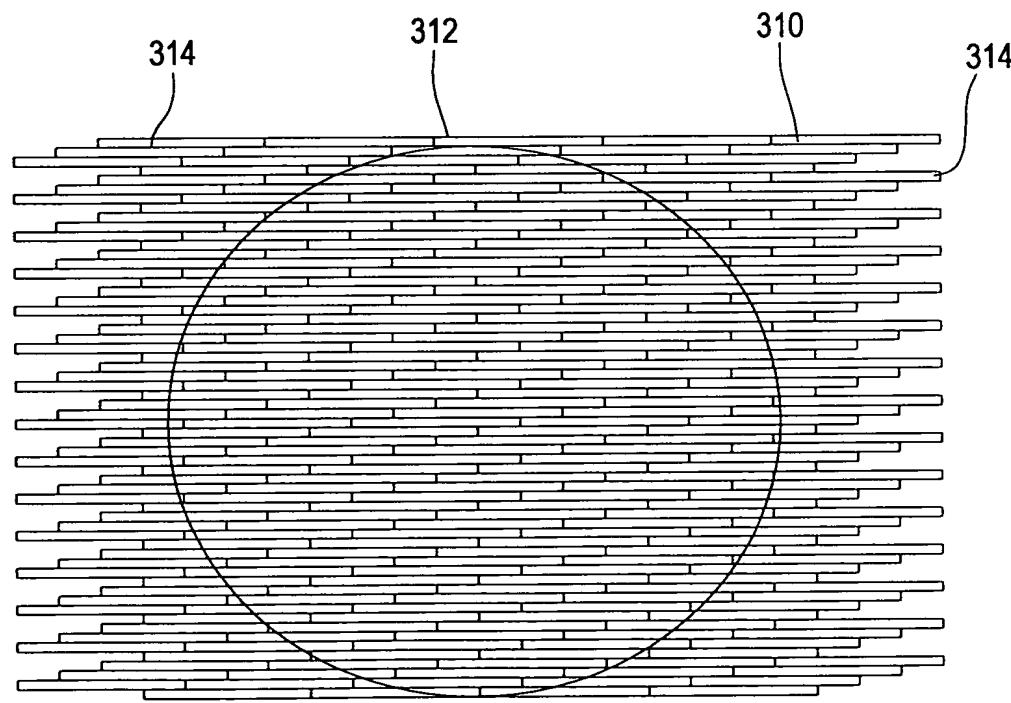


Fig.25

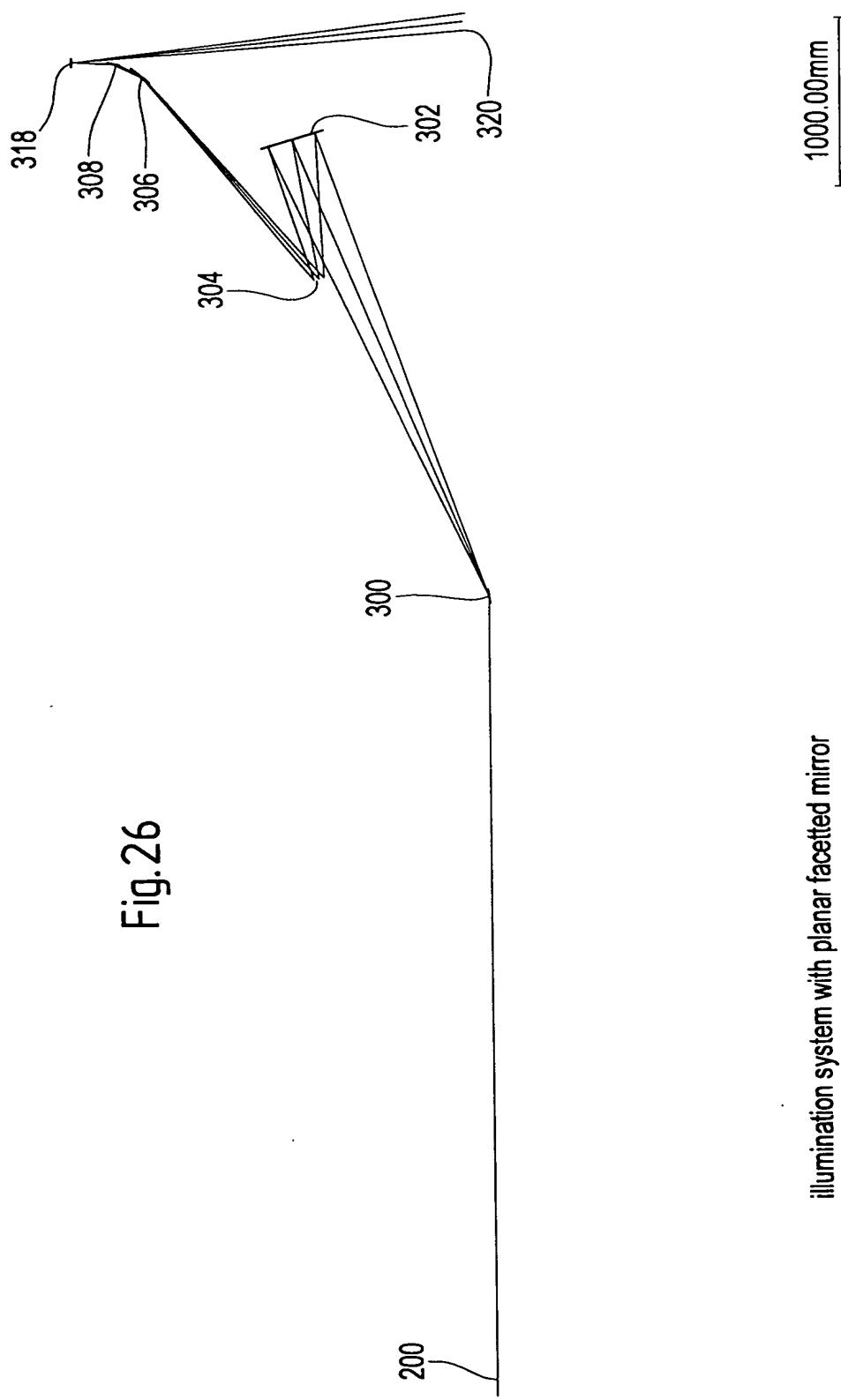


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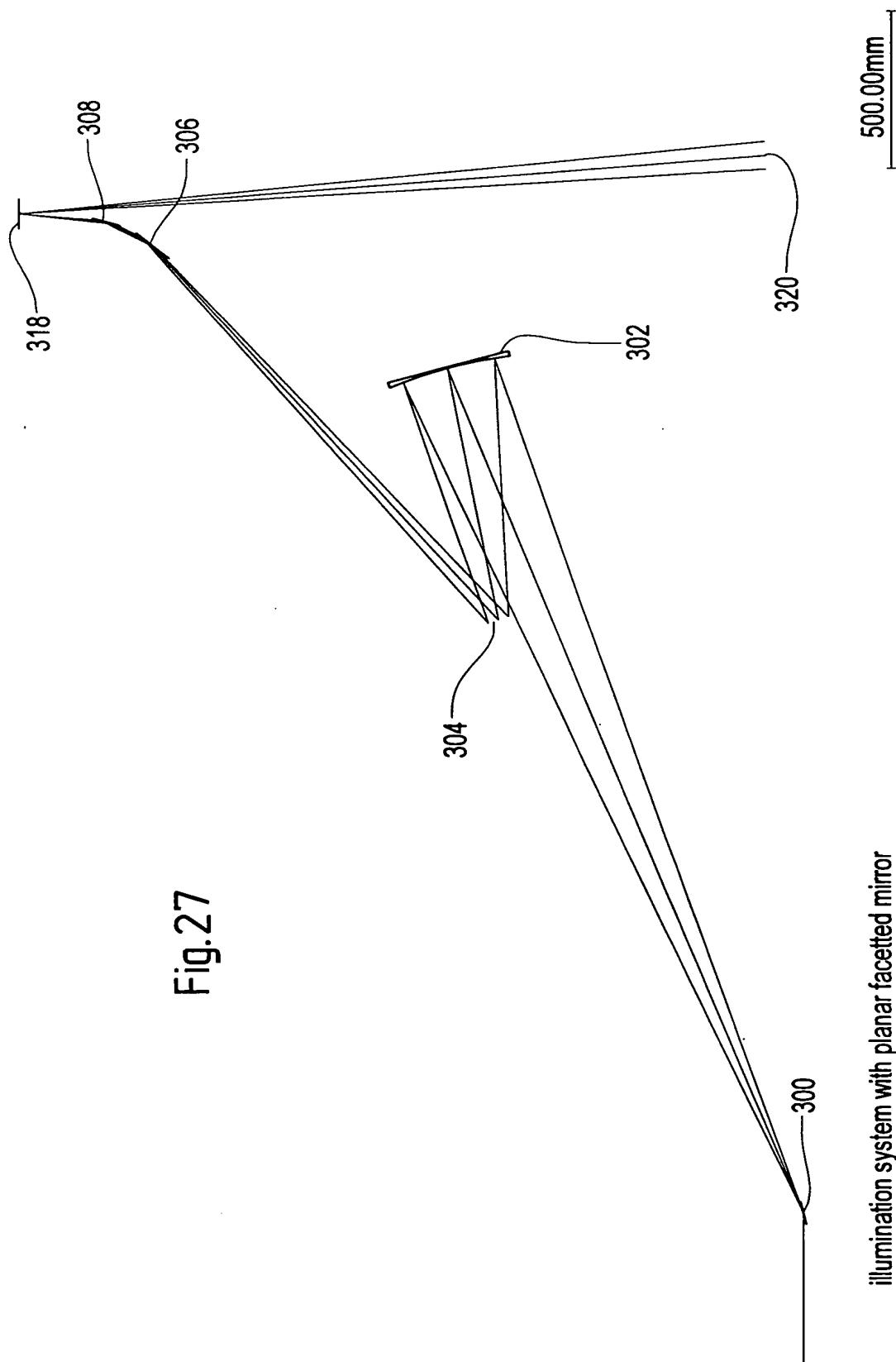
Fig. 26



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Fig.27



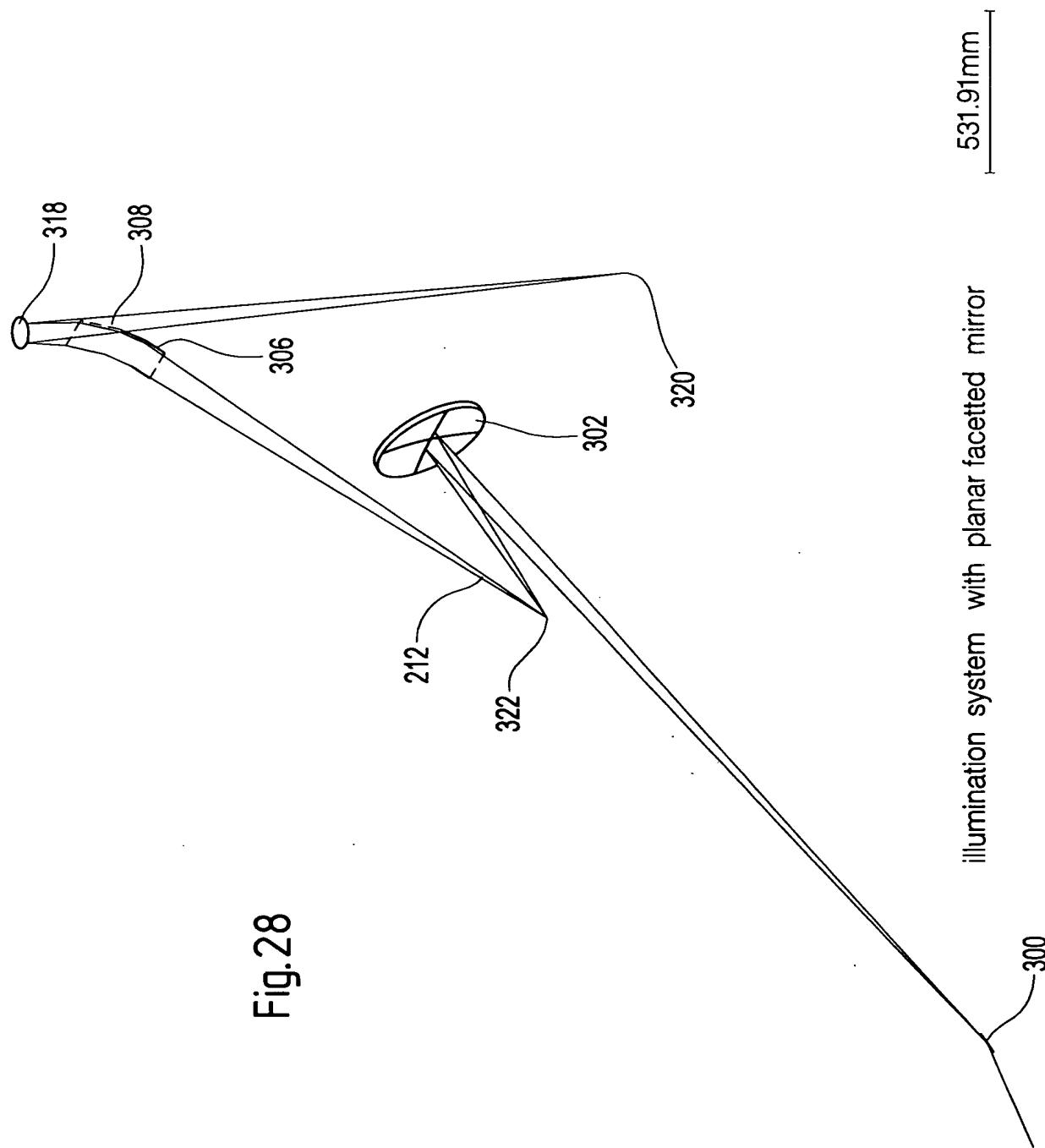
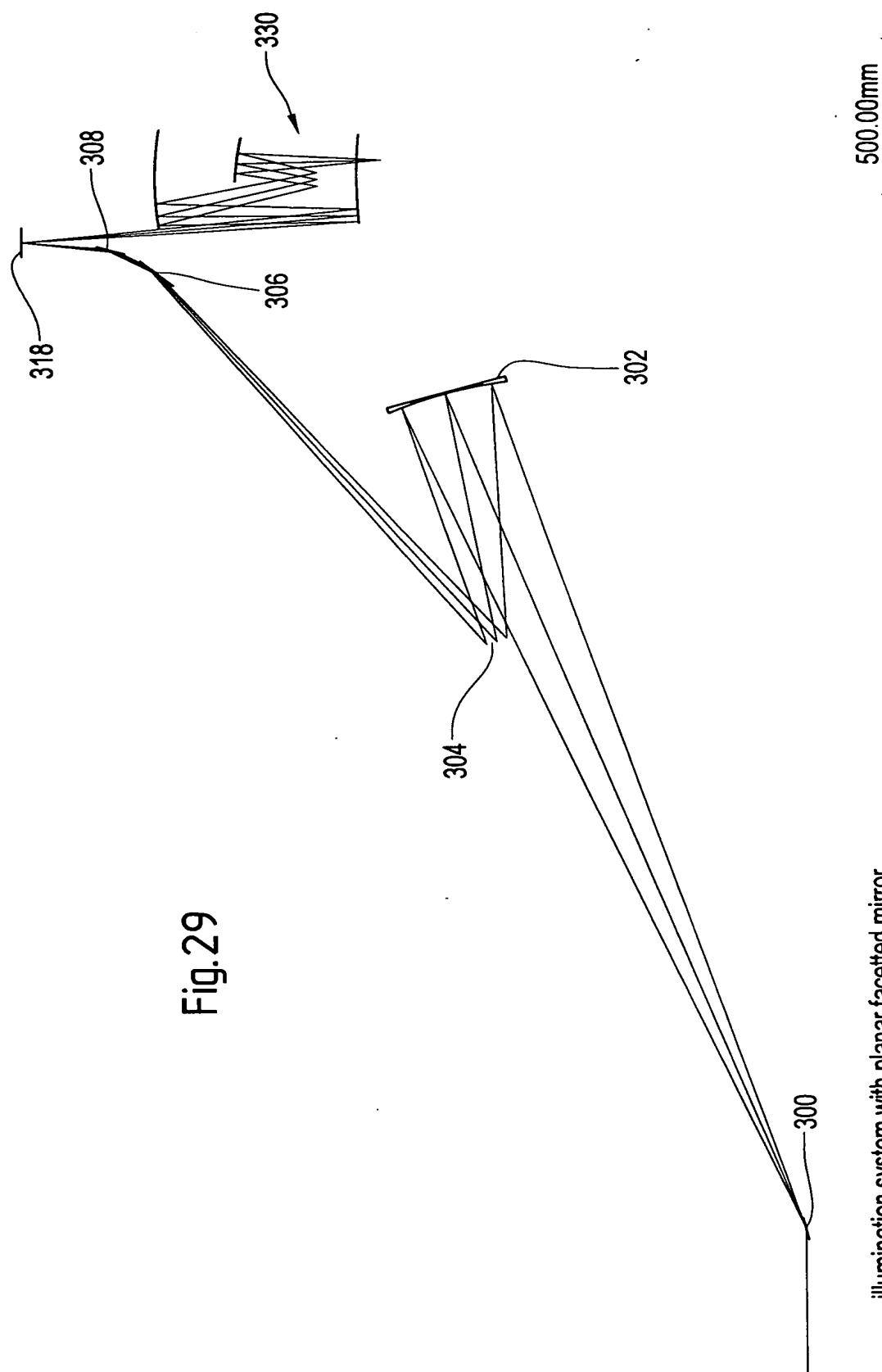


Fig. 28



illumination of the reticle with planar faceted mirror

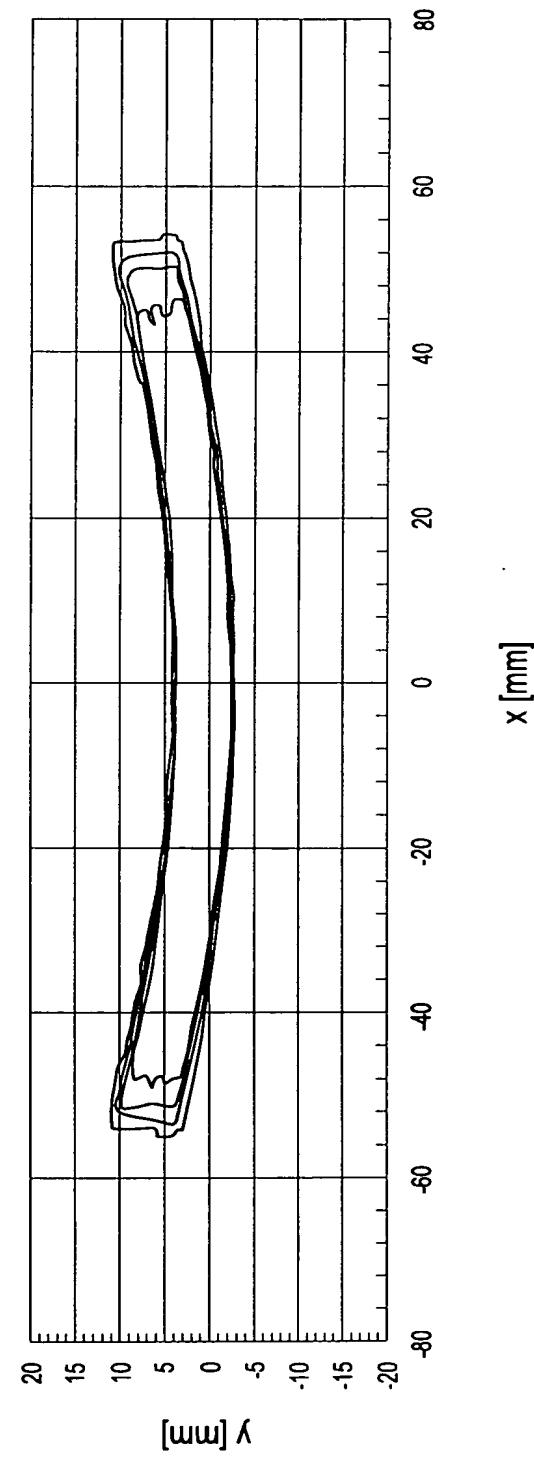


Fig. 30

Fig.31

intensity in scanning direction

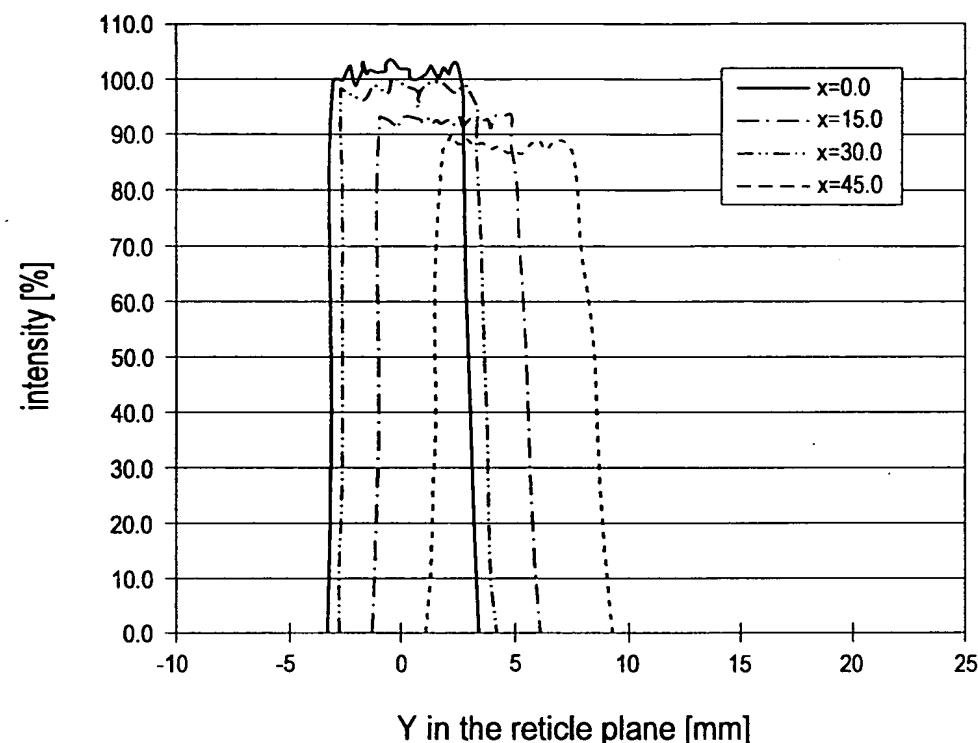


Fig.32

integral scan energy in the reticle plane

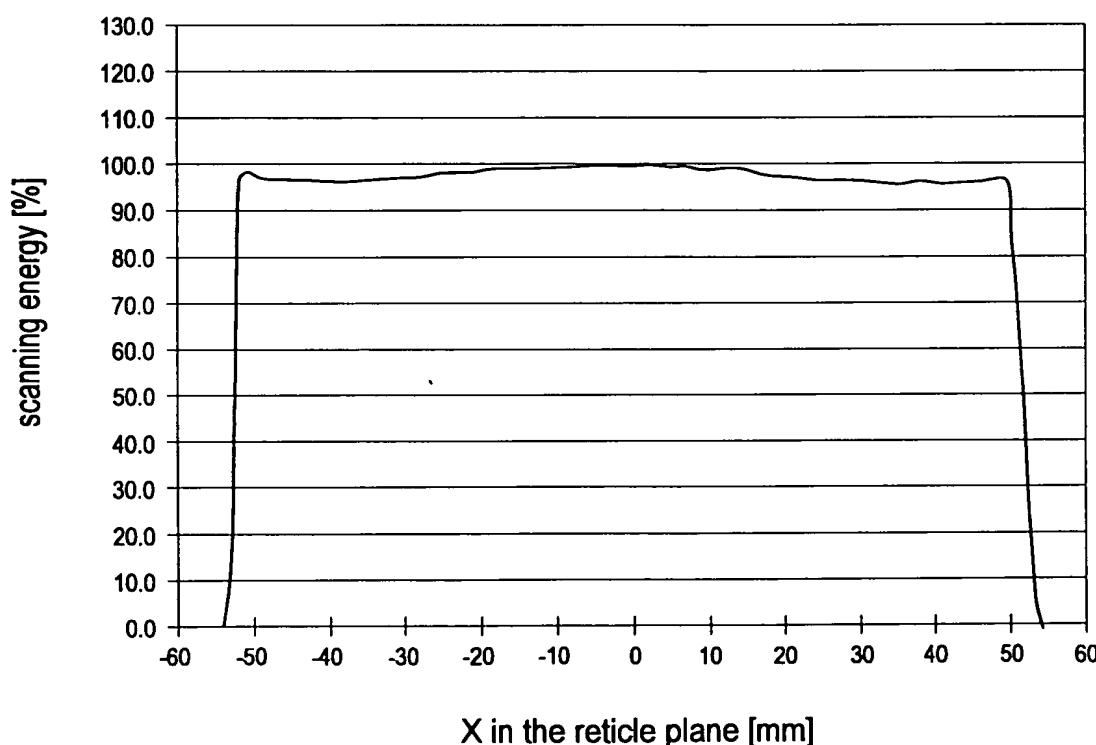
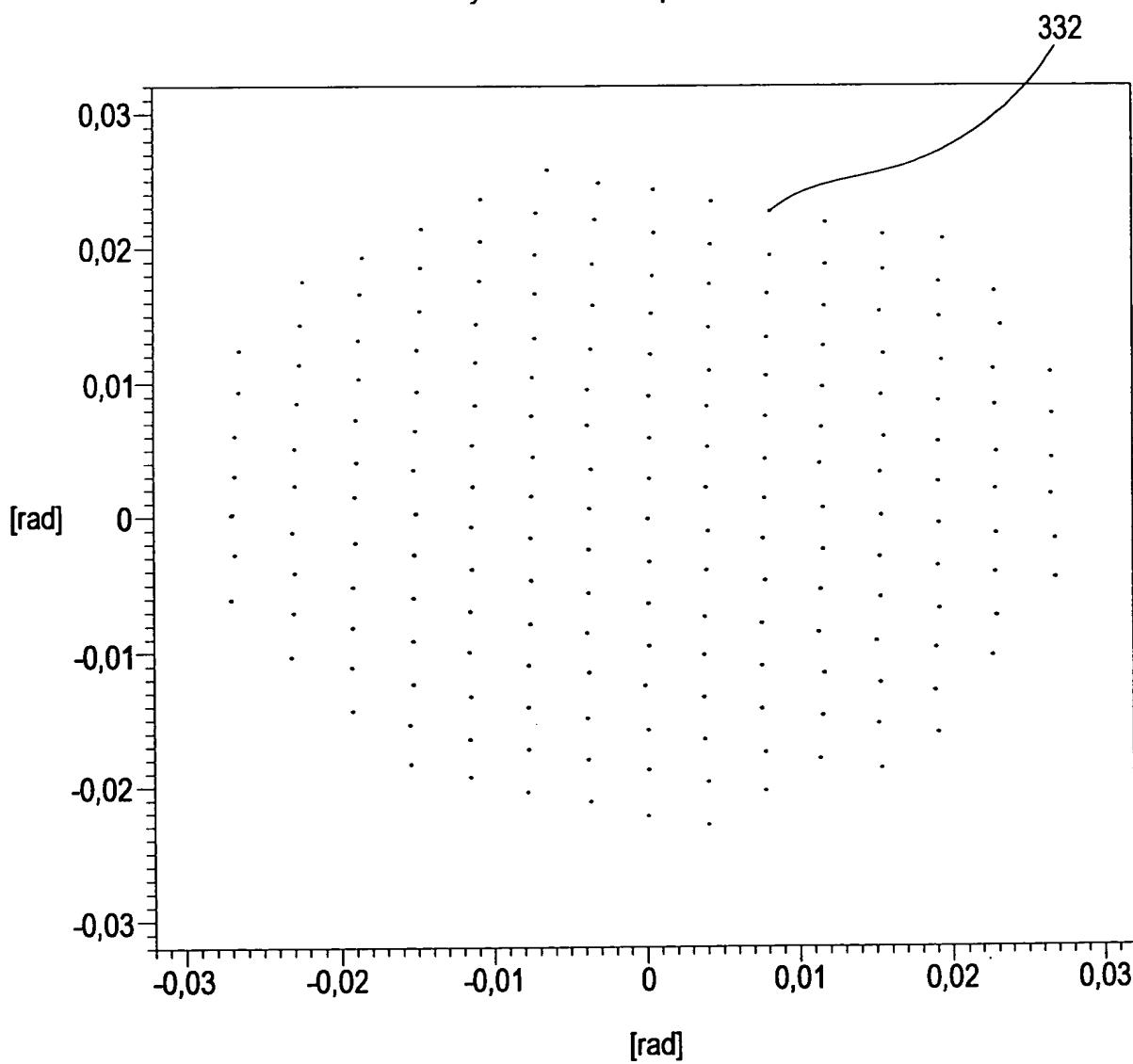


Fig.33

illumination system with planar faceted mirror



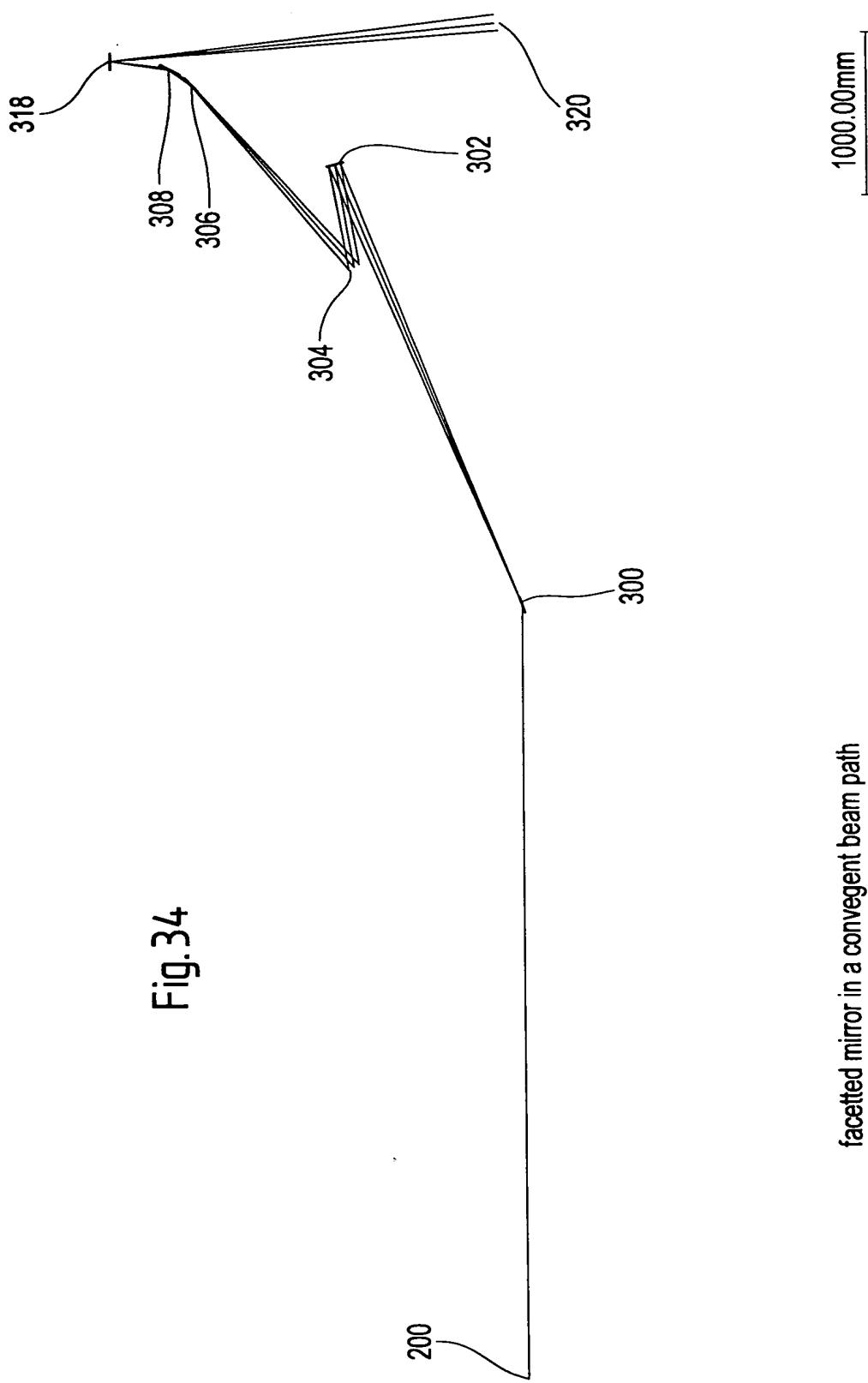


Fig. 34

facetted mirror in a convergent beam path

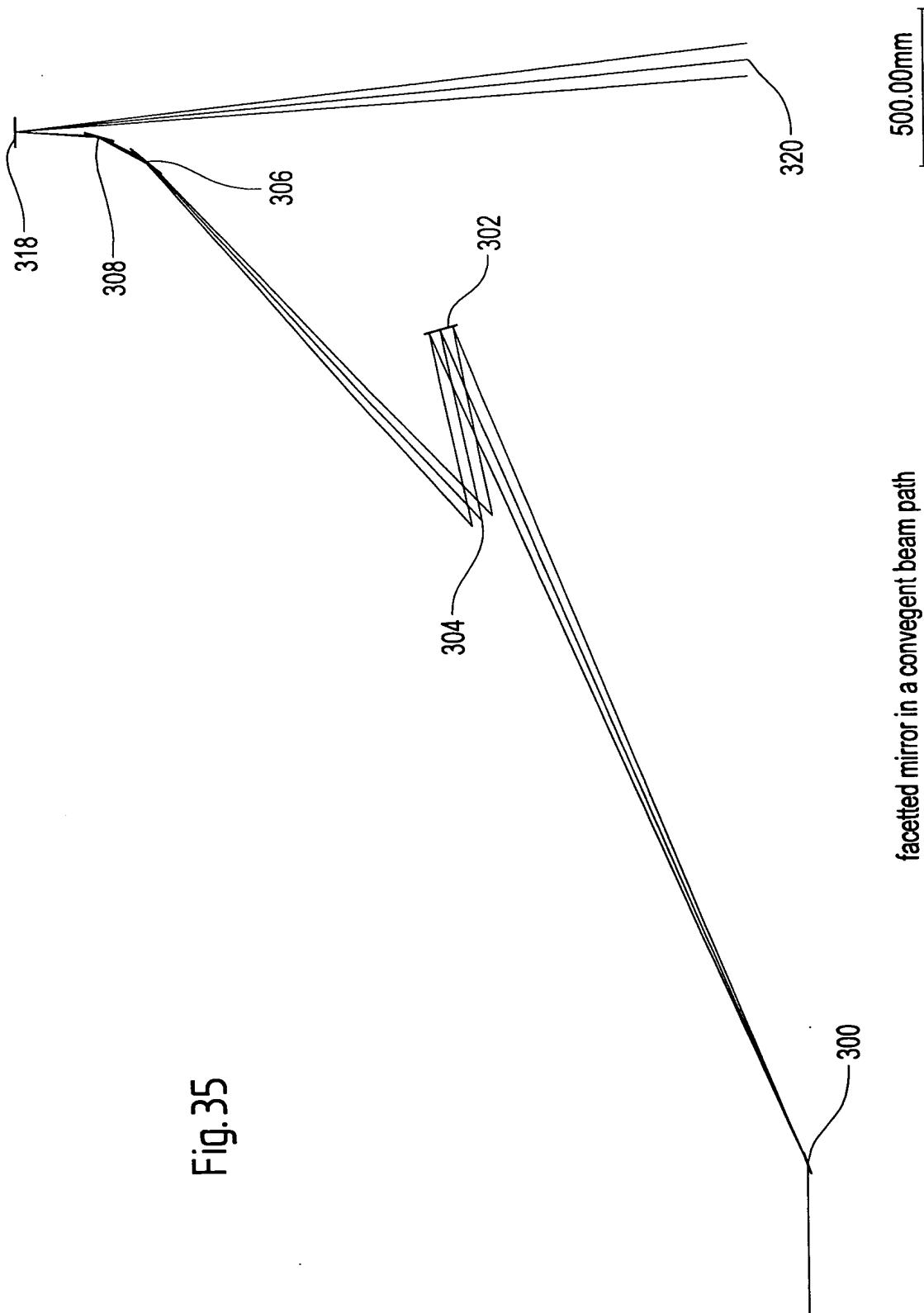


Fig. 35

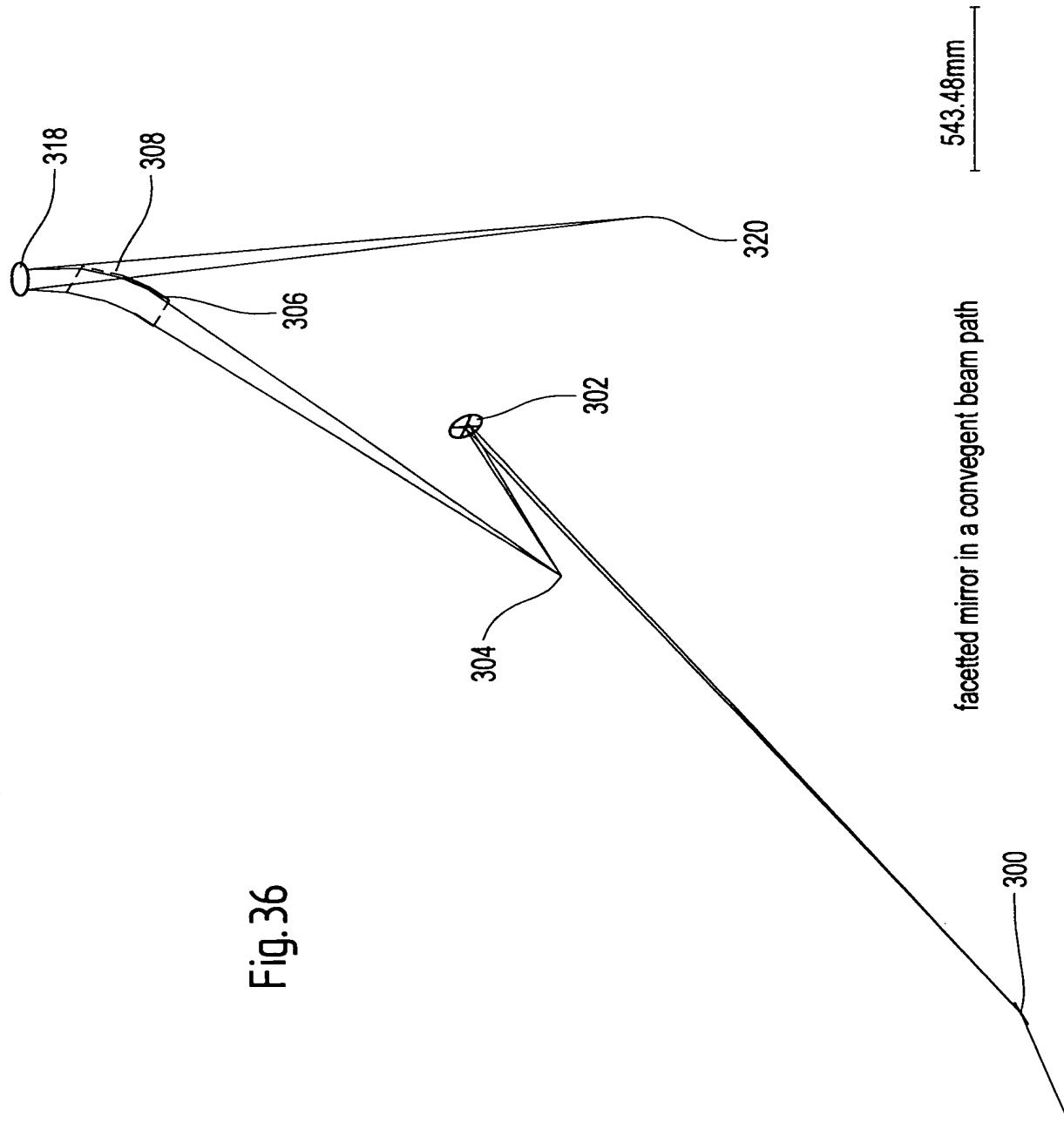


Fig. 36

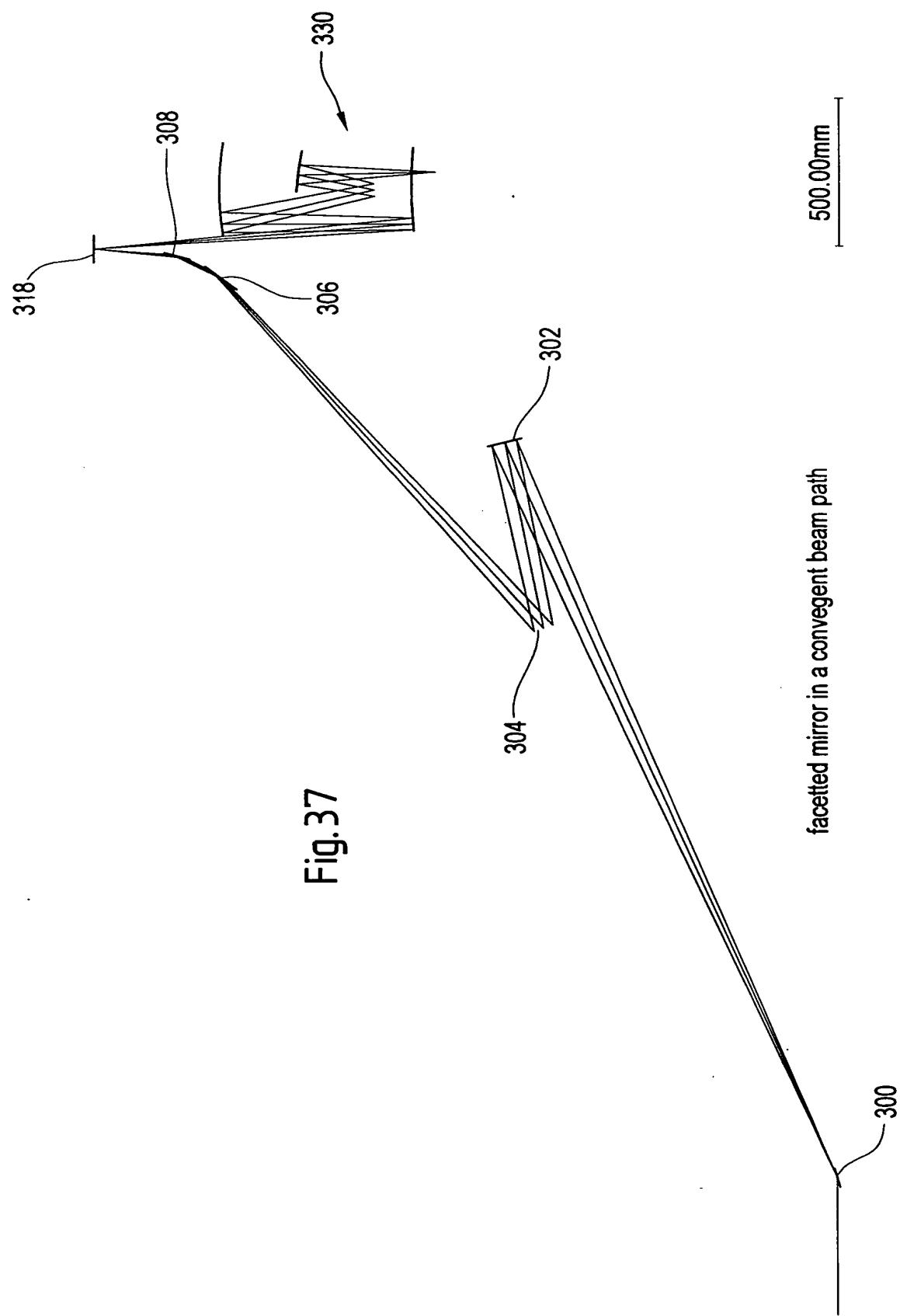


Fig. 37

illumination of the reticle with faceted mirror in the convergent beam path

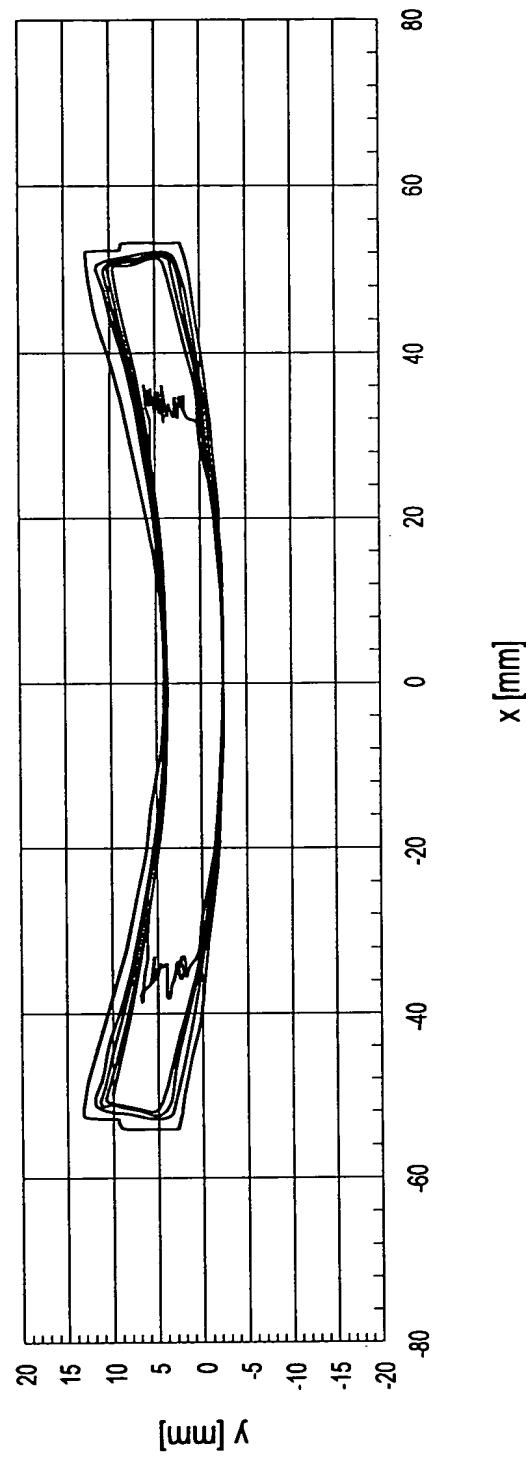


Fig. 38

Fig.39

intensity in scanning direction
with faceted mirror in a convergent beam path

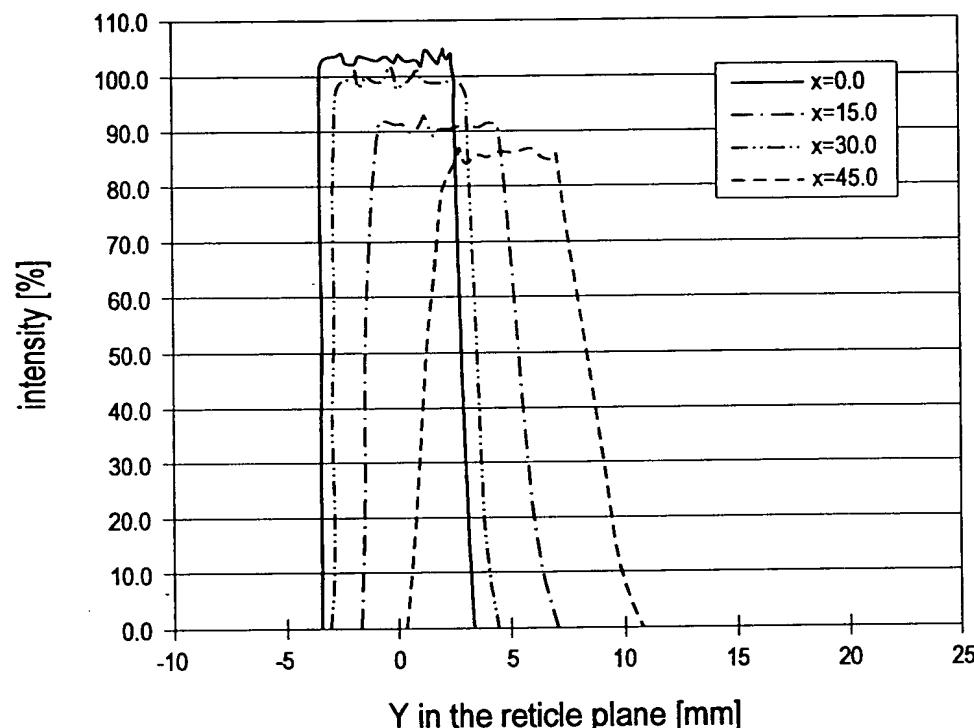
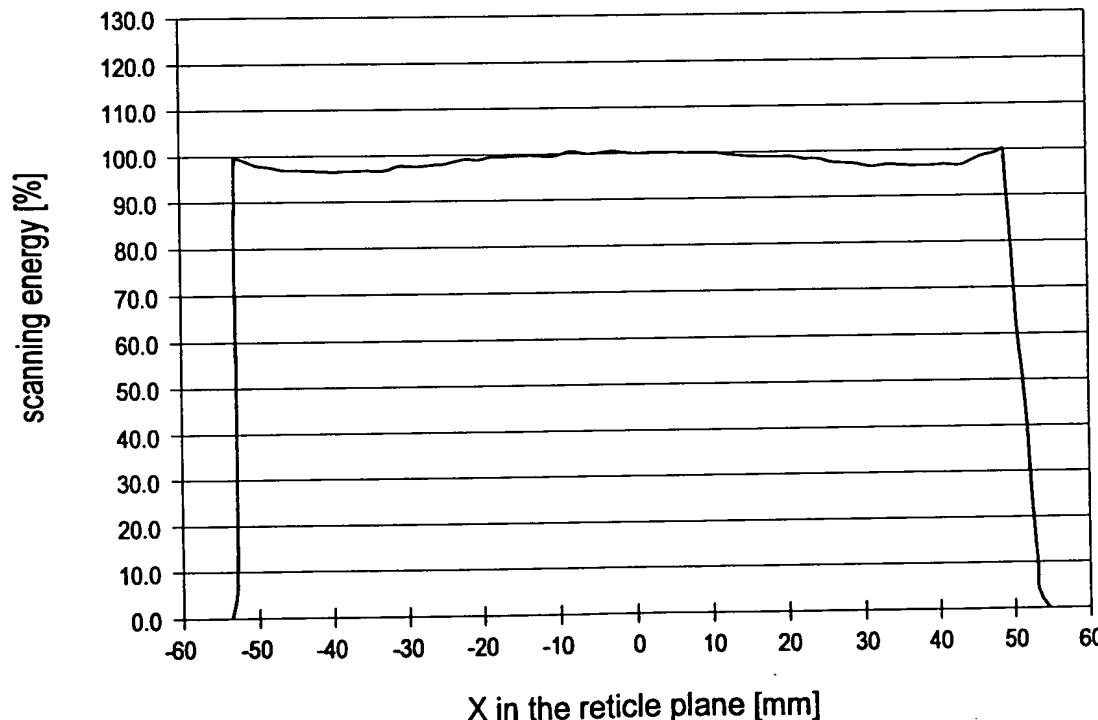


Fig.40

integral scanning energy in the reticle plane
with faceted mirror in a convergent beam path
with a field mirror for a 30°-field Undulator-source



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Fig. 41

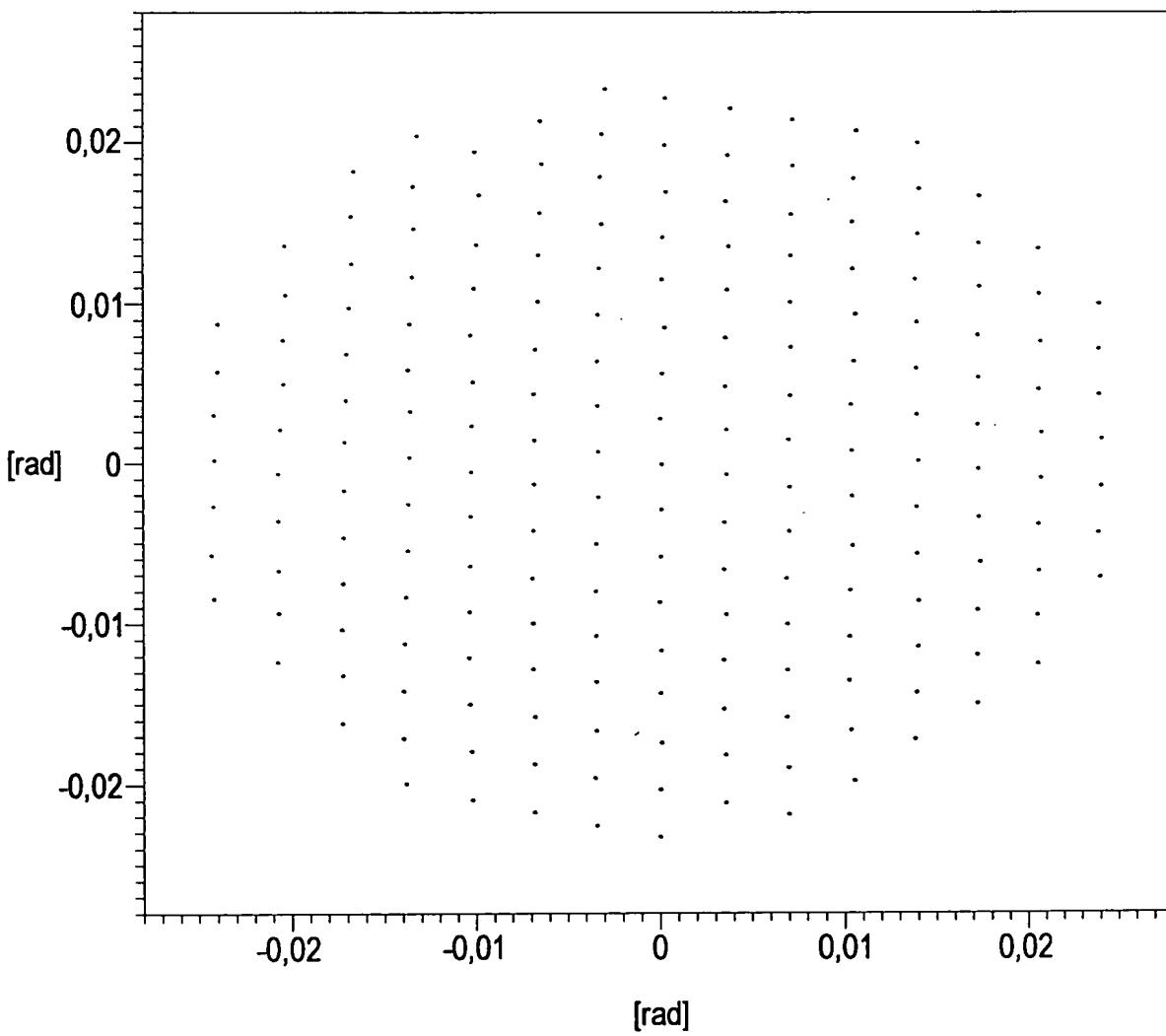


Fig.42

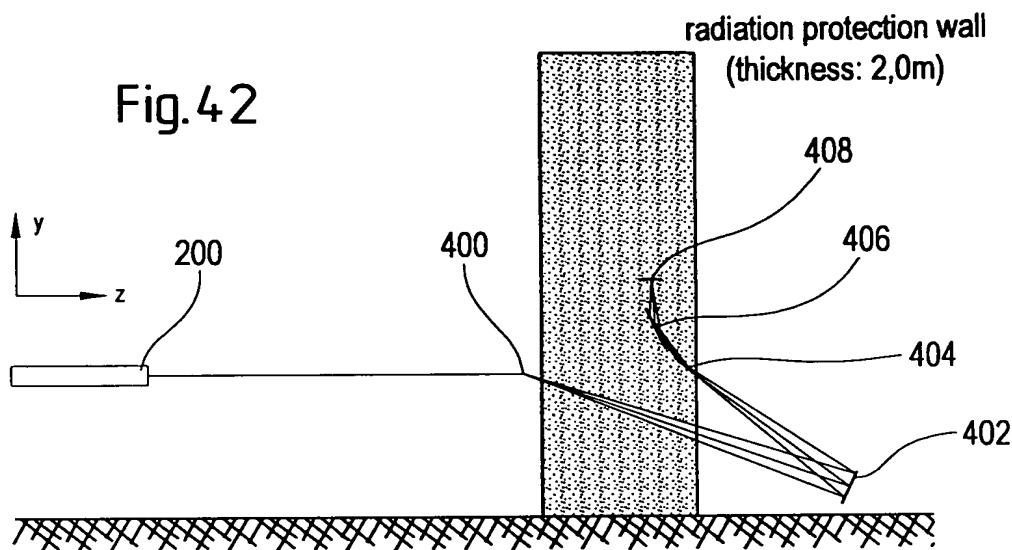


Fig.43

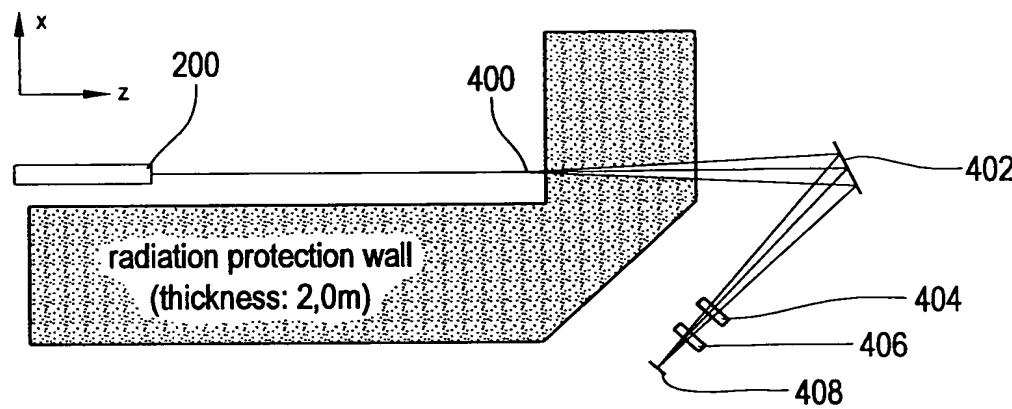
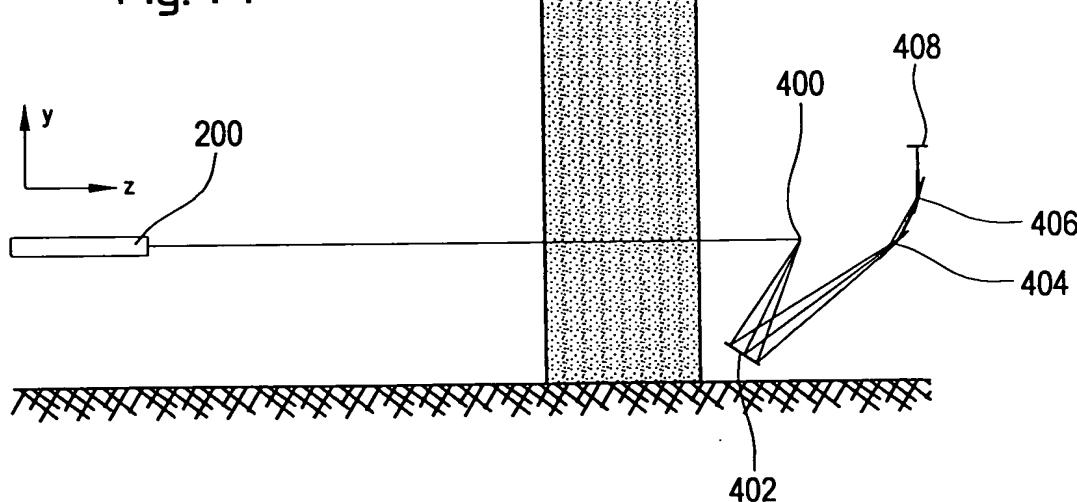
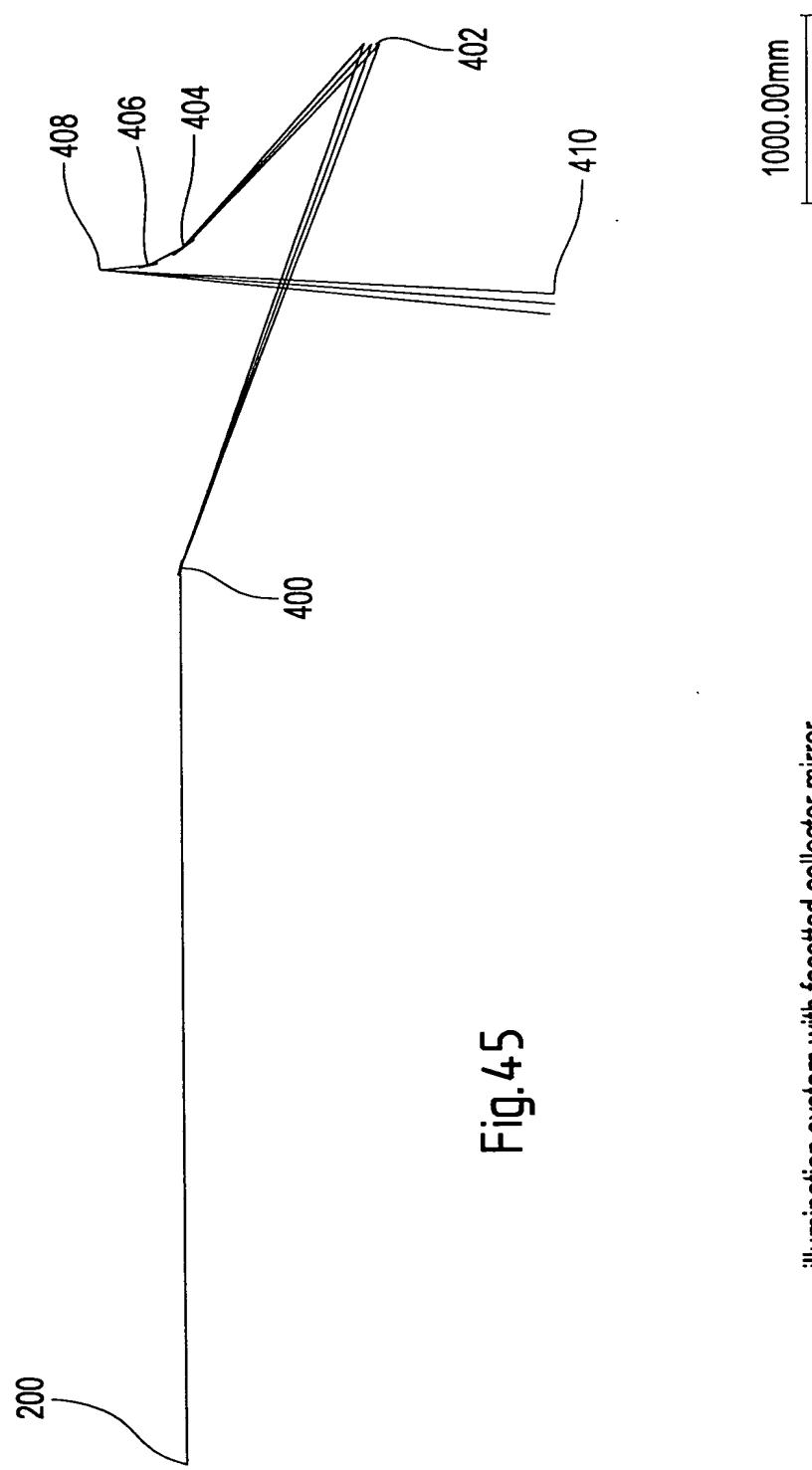
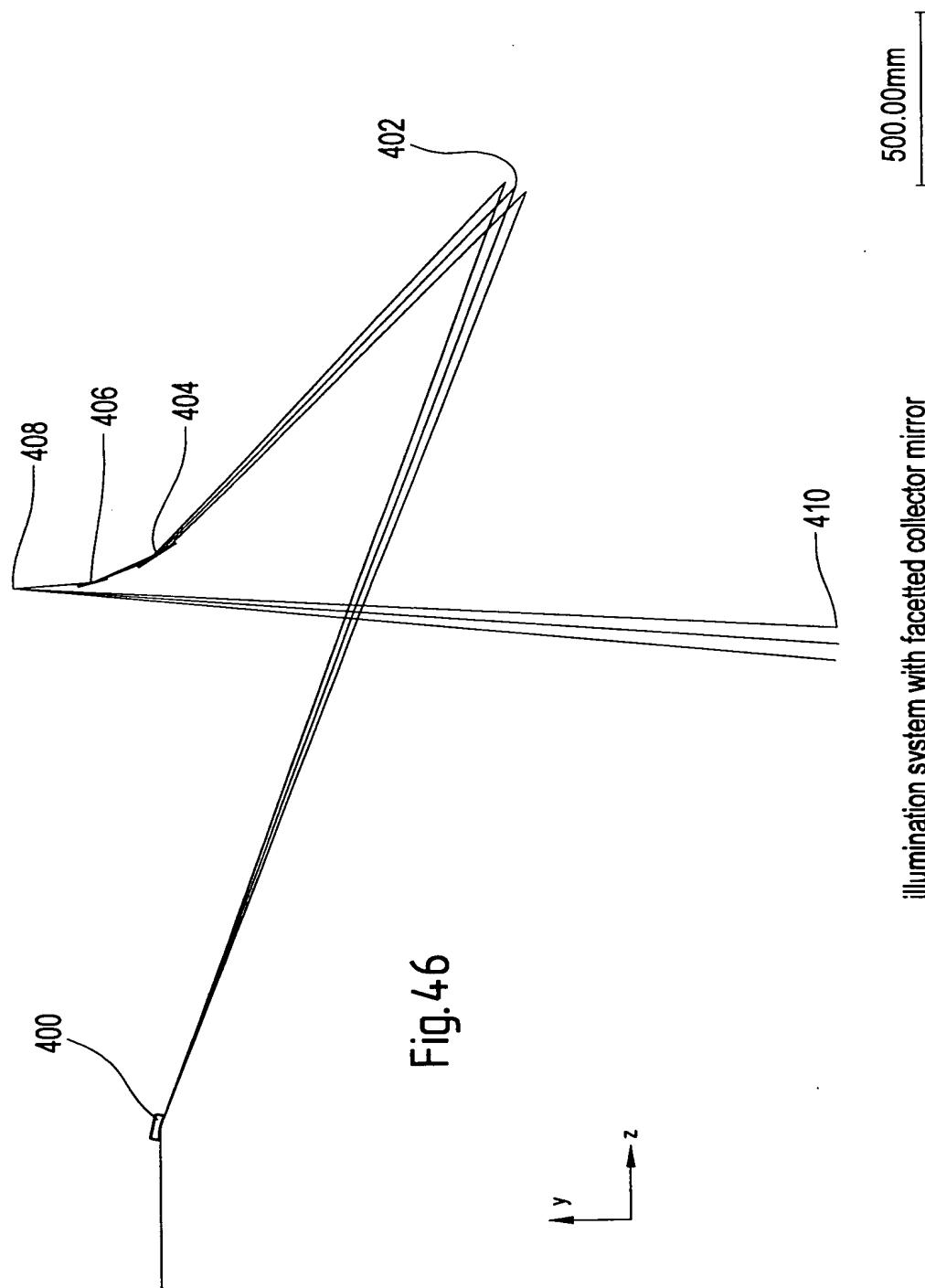


Fig.44



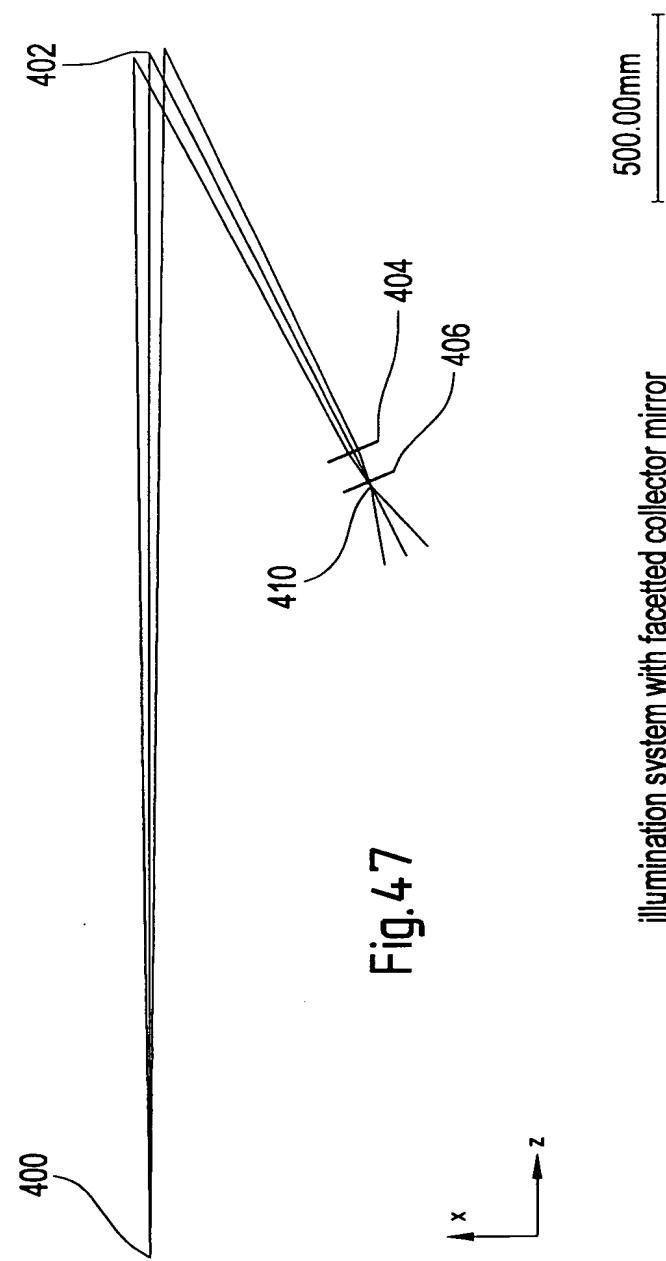




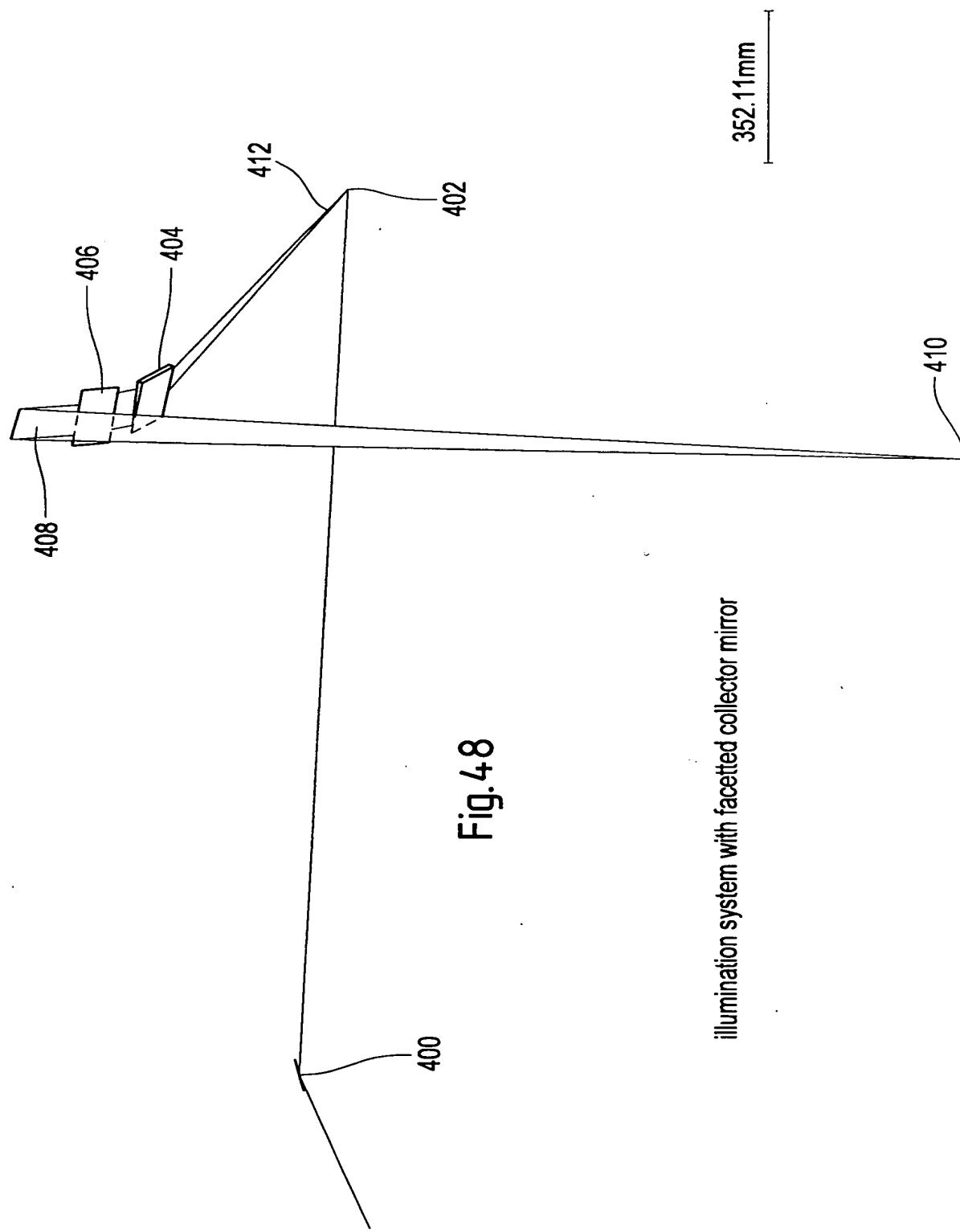
illumination system with faceted collector mirror

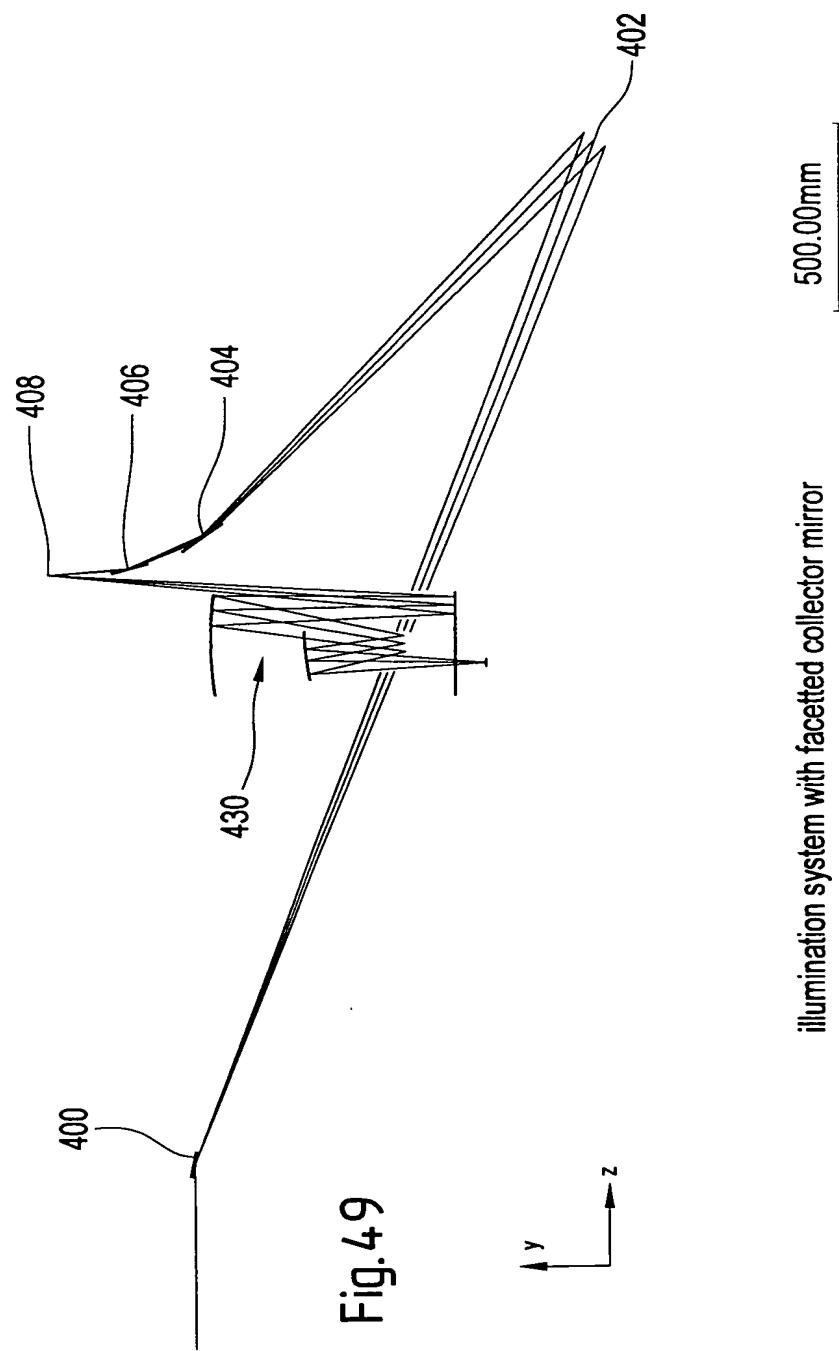
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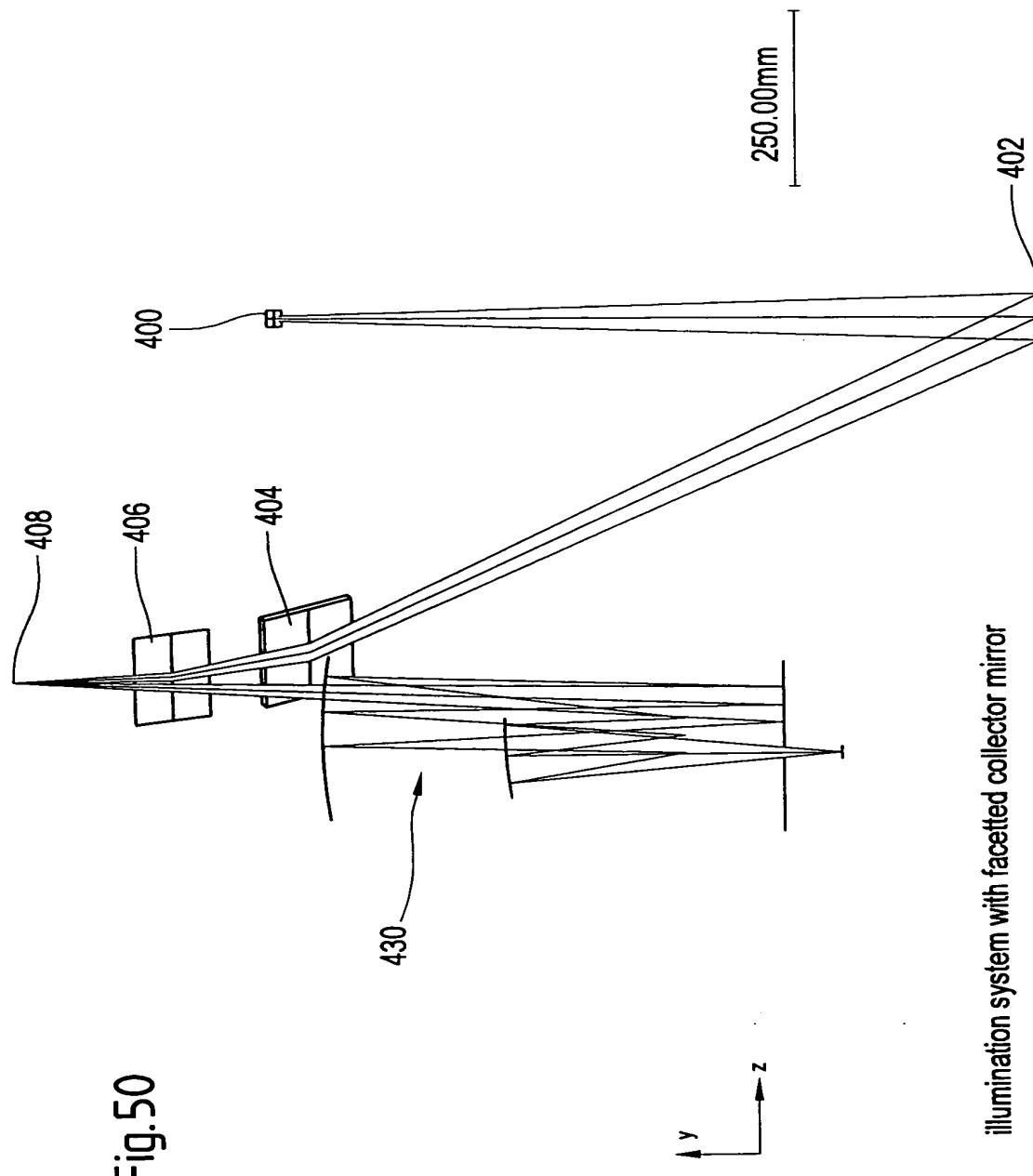
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illumination system with faceted collector mirror







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illumination of the reticle with faceted collector mirror

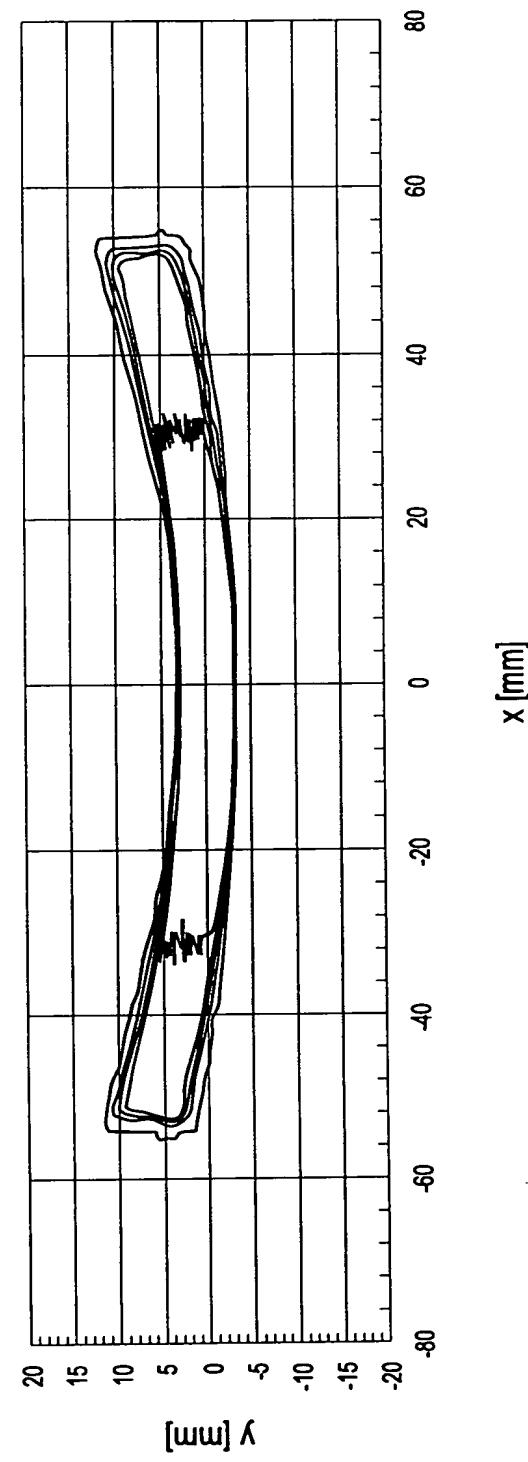


Fig.51

Fig.52

intensity in scanning direction
facetted collector mirror

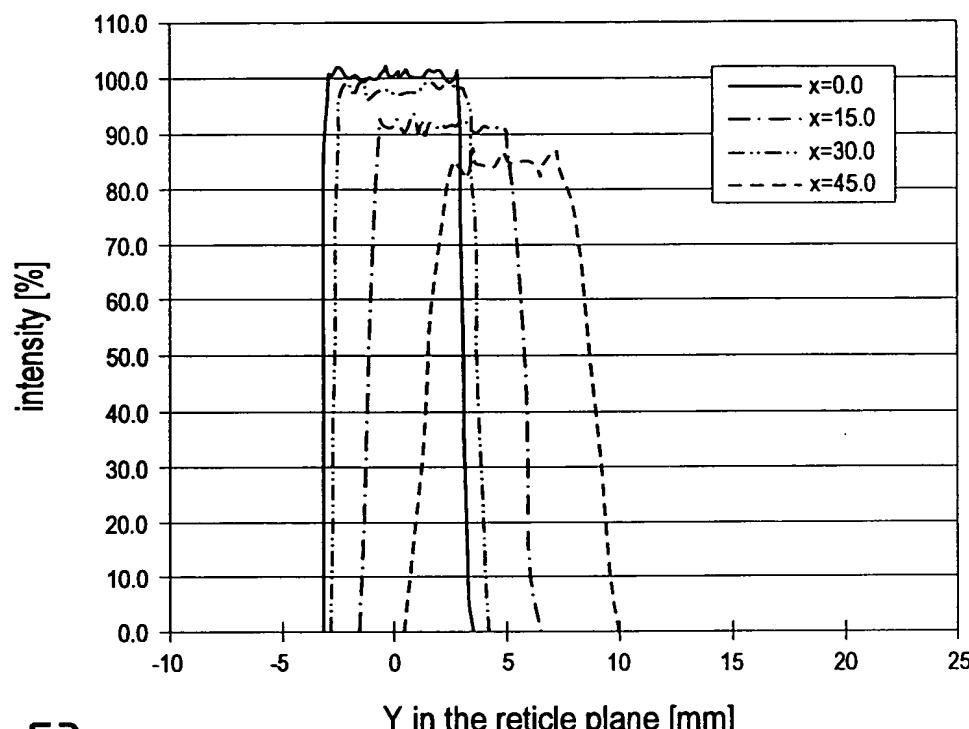


Fig.53

integral scanning energy in the reticle plane
facetted collector mirror

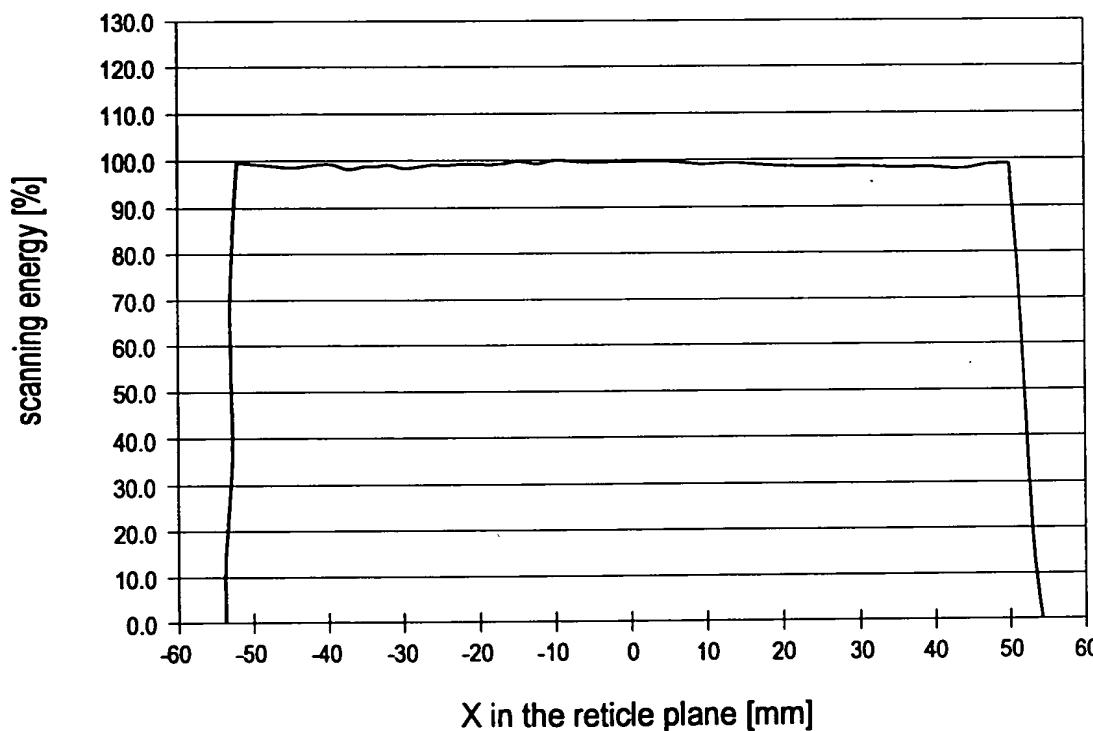
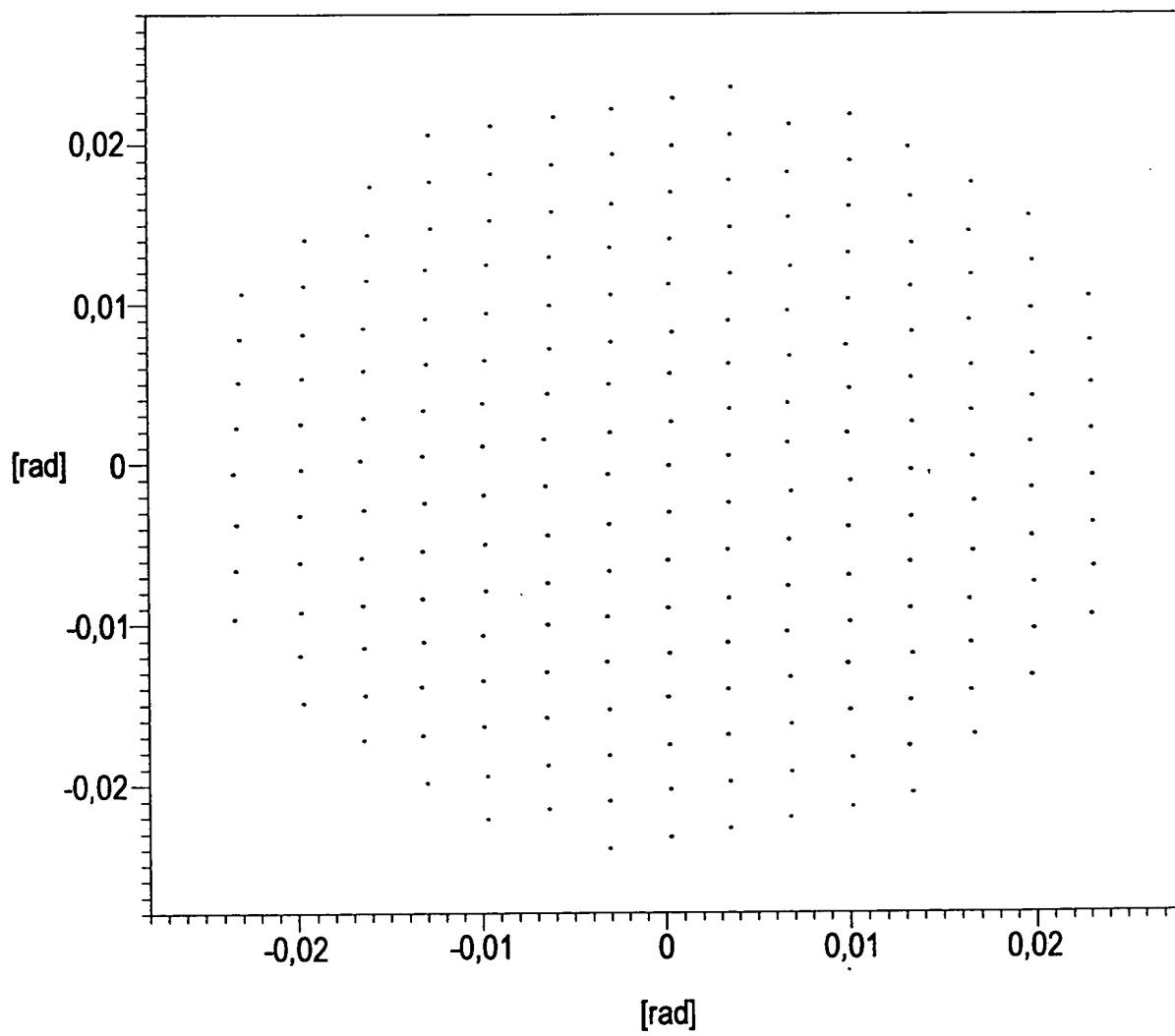


Fig.54

facetted collector mirror : pupil illumination



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Fig. 55a

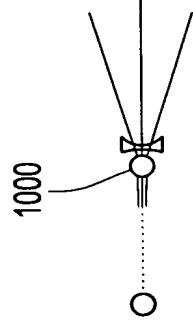
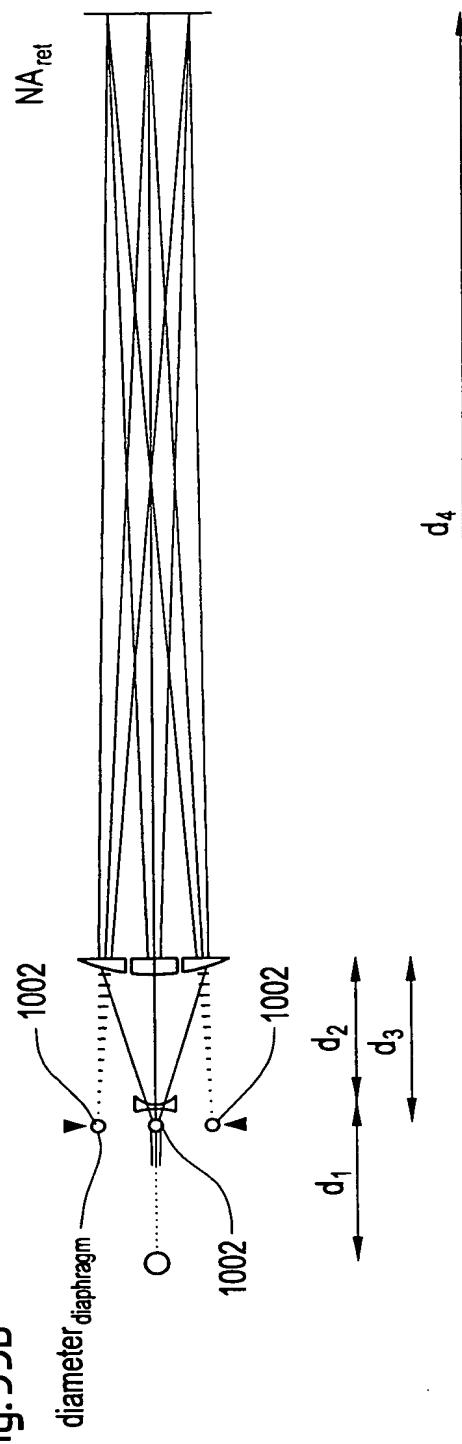


Fig. 55b



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DRAFTER	BY	BY	BY

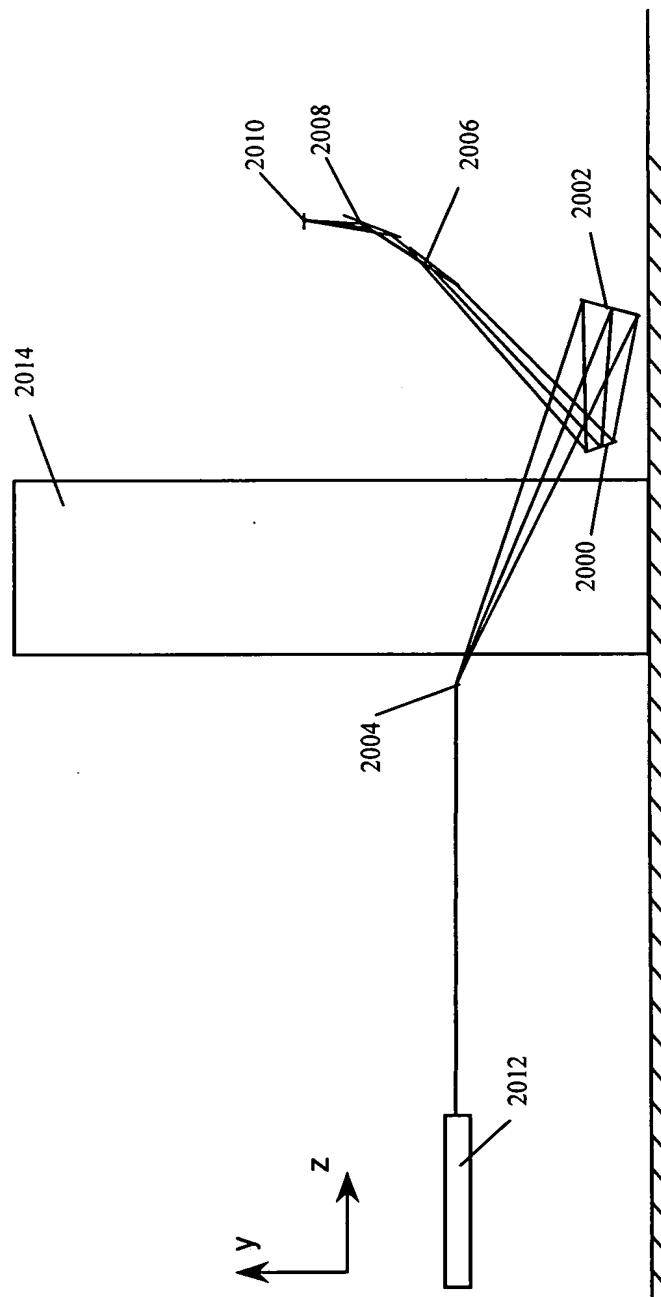


FIG. 56

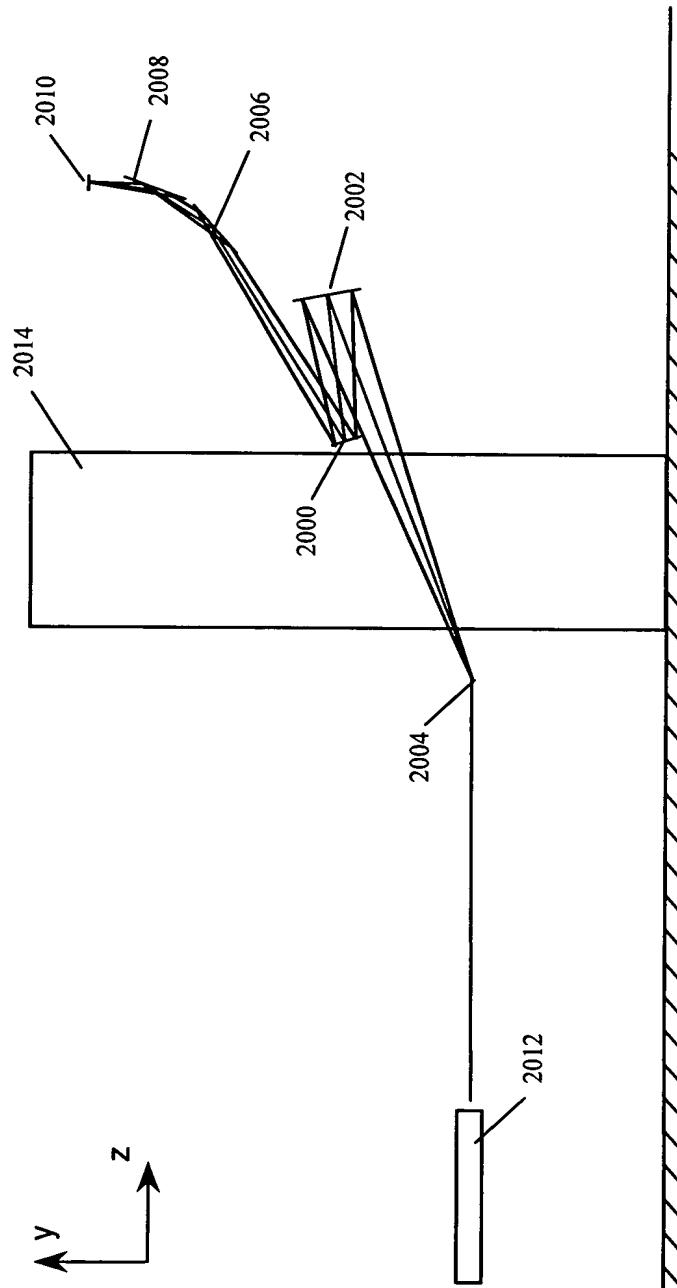


FIG. 57

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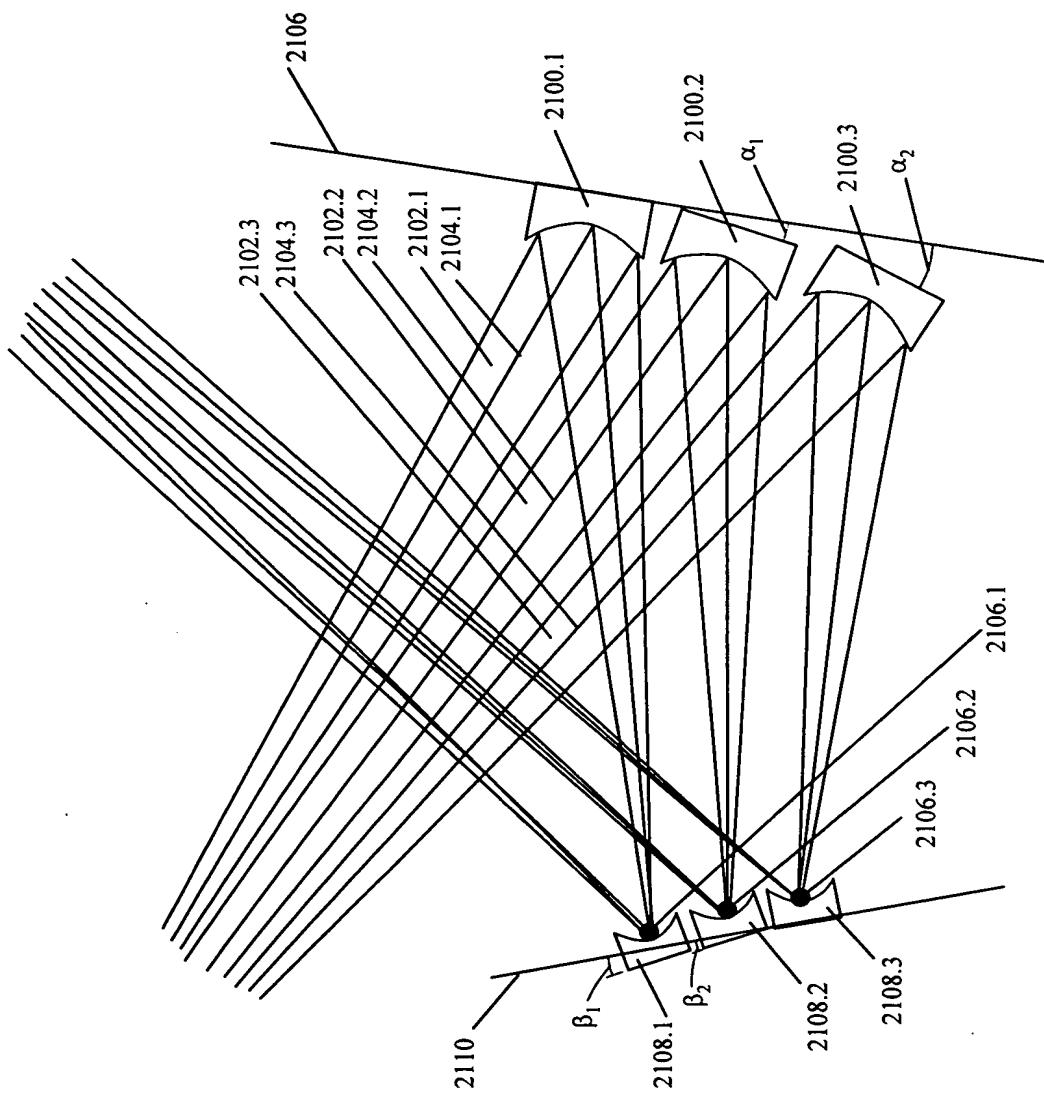


FIG. 58